

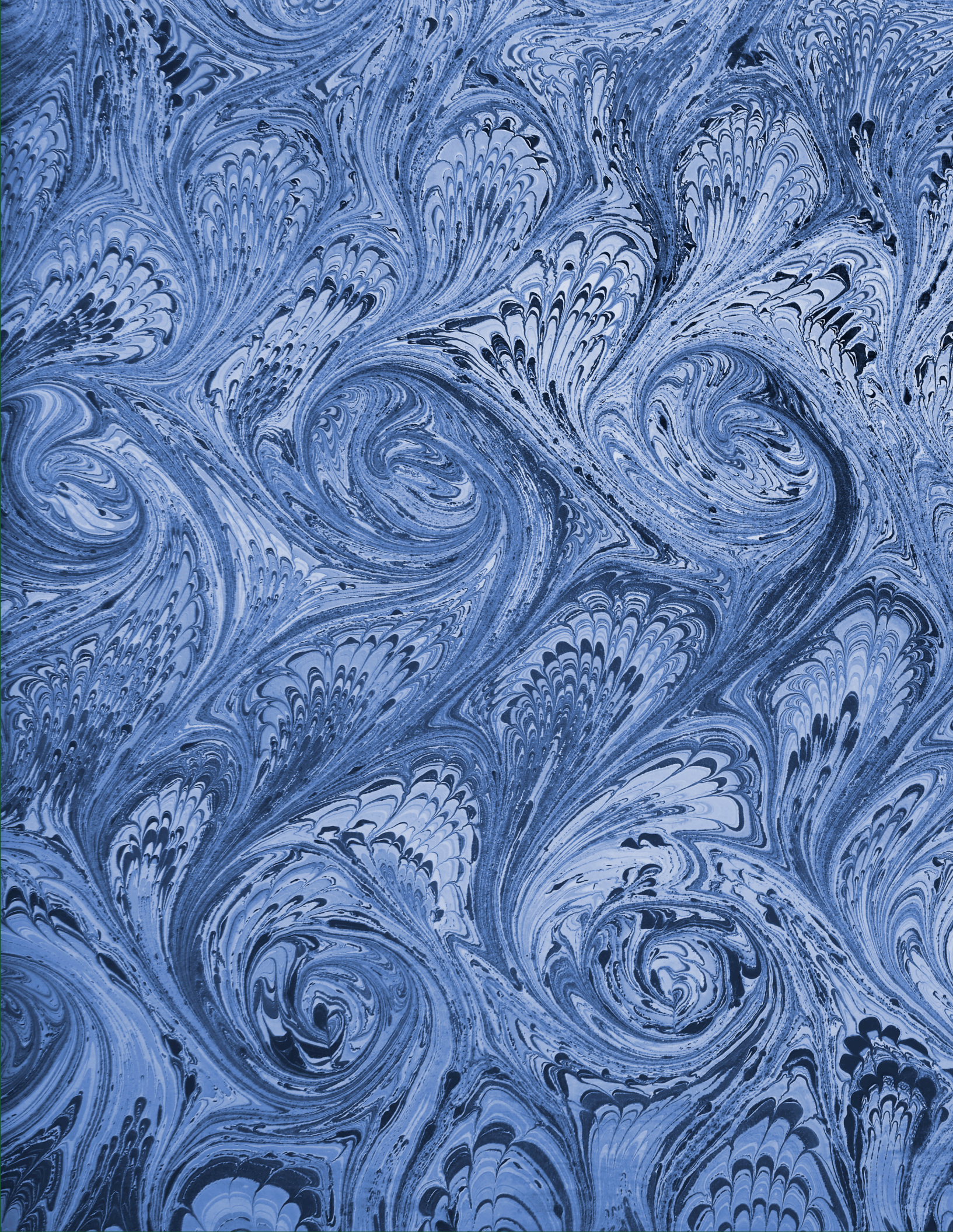
**THE DIE VARIETIES
OF
UNITED STATES
LARGE CENTS
1840-1857**



By John R. Grellman, Jr.

Photography by Allen G. Ross and Lyle Engleson

2020 EDITION



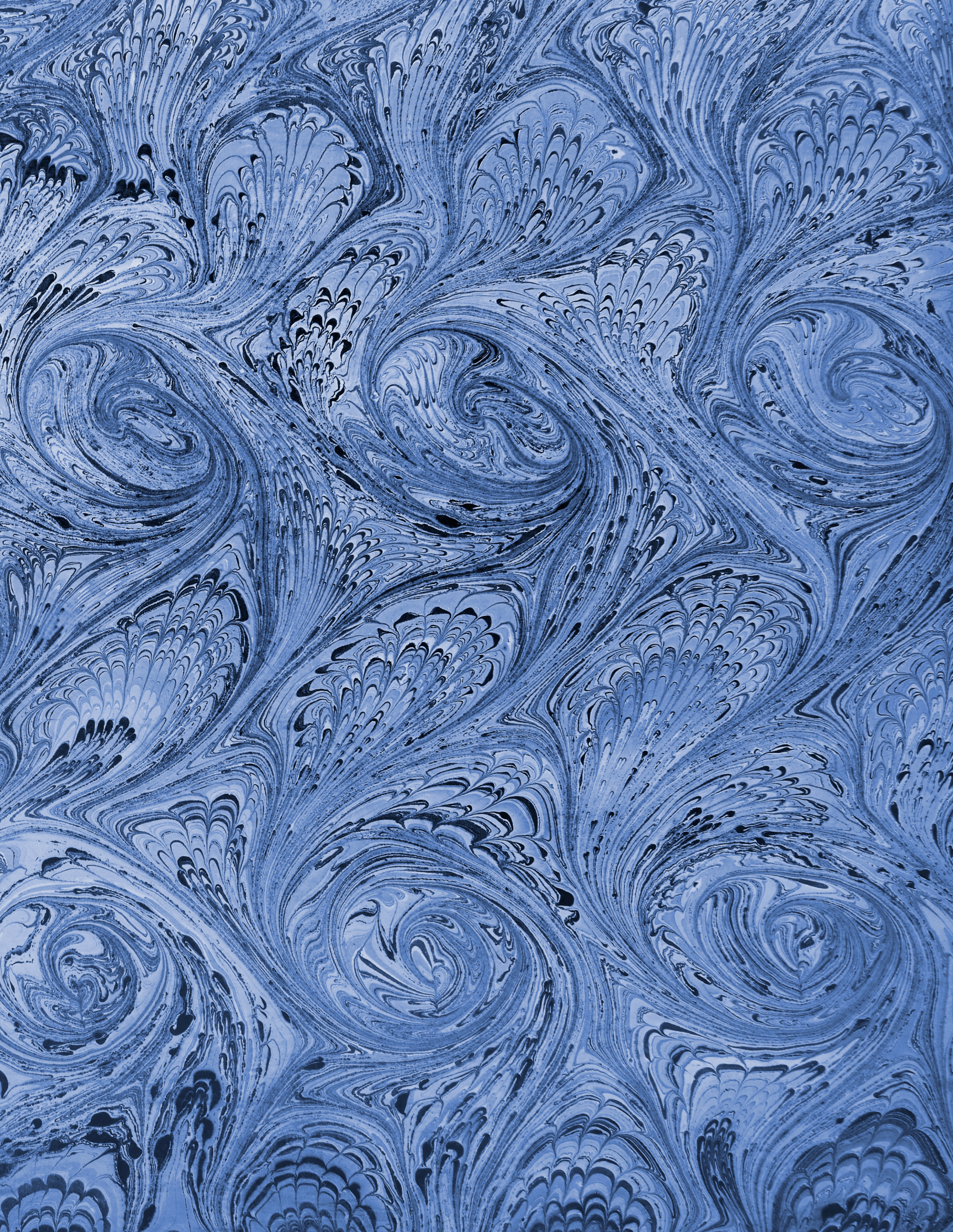


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**THE DIE VARIETIES
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UNITED STATES
LARGE CENTS**



1840-1857

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DEDICATION

To my father, John R. Grellman, Sr. (1917-1984), who introduced me to coin collecting in 1953, and to my family that has supported my continuing passion for the hobby in the succeeding decades.

Preface

This guide describes the characteristics of every known die variety of United States large cent minted from 1840 to 1857, commonly referred to as "Late Date Large Cents." It builds on the earlier work of many individuals, including Frank D. Andrews, Howard R. Newcomb, and Jules Reiver.

My goal is to provide a tool that can help you determine the die variety and die state of every Late Date Large Cent. My estimation of the rarity of each variety is included. I learned long ago that photographs, while essential for determining the die varieties of the earlier (1793-1839) large cents, are not an effective way to convey attribution information for the later dates. The differences in the dies of 1840-57 cents are usually not visible in photographs, even photos of the highest professional quality. Diagrams offer the best solution, and I have provided them for every variety. However, photographs of most of the rarest varieties and those die states with rim cud breaks are provided at the end of this book.

The die varieties of each year are arranged by Newcomb (N) number. Varieties not included in Newcomb's book are assigned an honorary Newcomb number, and those are identified in parentheses as (N-#). At the beginning of each year is a list of all the varieties of that year arranged by Date Position Reference Number (DRN). This arrangement is provided to assist in identifying die varieties, and the role of the DRN is described in another section where I offer a systematic process for attributing these cents.

Rarity estimates follow the standard 8-point Sheldon scale:

R-1	Common
R-2	Not so common
R-3	Scarce
R-4	Very scarce (est. 76-200)
R-5	Rare (est. 31-75)
R-6	Very rare (13-30)
R-7	Extremely rare (4-12)
R-8	Unique or nearly so (1-3)

The rarity assigned to R-6, R-7, and R-8 varieties is determined by an actual count of known or reliably reported examples. However we can assume more of the rarer varieties will be discovered as collectors keep searching for them. The rarity of the more common varieties is estimated, but it is based on extensive research.

The estimated value of different die varieties and die states is not included in this book, but serious collectors usually pay significant premiums to obtain rare varieties and die states. The difference between the "generic" price for a particular date and the price a specialist is willing to pay for a rare variety or die state of that same date depends on many factors, but the most important factor is the number of similar enthusiasts eager to obtain that rarity. Die variety references tend to increase the population of these specialists. An increase in market value may be a welcomed benefit but my primary goal is to help fellow collectors enjoy the hobby as much as I have for these many decades.

There are several auction catalogs that feature late date large cents, and I recommend you add them to your library. These catalogs describe the 1840-1857 cents contained in outstanding collections. Each coin is plated, attributed to variety and die state, and both the PCGS or NGC grade and the “EAC” grade are provided. They can be a wonderful learning tool. I wrote the Superior and Goldberg lot descriptions and provided the “EAC” grade assigned to each lot in the two Stack’s Bowers catalogs. My recommendations:

- R. S. Brown, Jr., Superior 6/2/2002
- R. E. “Ted” Naftzger, Jr., Goldberg 9/7/2009
- Daniel W. Holmes, Jr., Goldberg 1/30/2011
- W. M. “Jack” Wadlington (The Twin Leaf Collection, Part I), Stack’s Bowers 7/16/2015
- W. M. “Jack” Wadlington (The Twin Leaf Collection, Part II), Stack’s Bowers 3/30/2016

Several prominent collectors gave me unlimited access to their collections for study during the 1980’s and 1990’s. These include Jack Robinson, R. S. “Robbie” Brown, Jr., John “J.R.” Frankenfield, R. E. “Ted” Naftzger, Jr., Chris McCawley, W. M. “Jack” Wadlington, Allen G. Ross, Bob Klosterboer, Gary Hahn, Bob Soltisiak, and Fred Borchardt. Access to these extensive collections was essential to the production of this book. Dan Argyro and Herb Brunhoffer contributed countless hours of research sorting through the crumbling sequences on many varieties of 1849 reverse dies. Robert F. LaForme provided additional information regarding varieties with rim cuds. Scores of other collectors and coin dealers have provided important coins and information to assist in my research. And a special thanks to Allen Ross who provided the photographs at the end of this book and to Lyle Engleson who provided the computer and technical expertise to make all the pieces come together.

I would appreciate hearing from anyone with information that could be used to improve this book. And I suggest you consider joining the Early American Coppers Club (EAC) if not already a member. It’s an active group focused on the research and collecting of US cents and half cents dated 1793-1857. Go to eacs.org for more information.



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An Attribution Process

Removing the crud. If you collect only mint state cents, then you can disregard this step. For the mortals among us, this step can be crucial.

Most circulated cents have a fair measure of dirt, grease, or what I call "copper wax" caked into the protected areas. Unfortunately, these are the same areas where the die lines and attribution points are most prevalent. These areas are the recesses around the date, dentils, TY in LIBERTY, inner curl, main curl, and ONE CENT, which correspond to the highest areas on the dies. Most attribution points (other than date position and die breaks) result when a mint worker touches the face of the die with an abrasive (wire brush, polishing cloth, etc.) and leaves marks on the highest parts of the die. These incuse marks on the die produce raised lines or small points on the lowest parts of the cents. And these lowest parts tend to collect the most crud.

A simple but effective way to remove this crud employs an artists brush and a solvent. I use Xylol (Xylene), which is an organic solvent available at most paint supply stores. Using a small artist's brush with wood handle and relatively stiff bristles (equivalent to a baby's toothbrush), follow these steps:

- Keep work area well-ventilated and follow solvent safeguards.
- Paint one side of the coin with solvent.
- Work crud out using tiny circular brush strokes. Don't drag brush across coin's surface.
- Concentrate on cruddy areas; then quickly do rest of coin.
- Blot off solvent while surface is still wet (rewet if necessary).
- Repeat process for other side of coin and any areas where some crud remains.
- Add a very thin coat of Care, Blue Ribbon, or some similar protectant.
- Brush away excess coating using standard "copper brush." These are jeweler's brushes with natural, cream-colored bristles and a wooden handle. An old brush (well-used with a greenish tint on the bristles) is preferred.

Date position reference number (DRN). Newcomb used words to describe the relative position of the date to the curls, dentils, and bust tip. Jules Reiver simplified this by assigning a number to the various positions, and he added a few more points of reference relating to the date position. He then arranged the varieties of each year according to the date position, from the farthest left to the farthest right. This numbering and arrangement simplified the attribution process by allowing collectors to quickly identify the varieties that might match the coin in question, and subsequently eliminate those varieties that couldn't be a match.

A list of varieties by date position reference number (in ascending order) is at the beginning of each year. These DRN's are presented to **assist** in the attribution process. Seldom is the date position alone sufficient to positively identify an obverse die. Rather, the DRN is a tool that can focus your search by eliminating those varieties that could not possibly match your coin, and by suggesting a

few "hot prospects." **Suggestion:** For Petite Head cents, focus on DRN #2 (alignment of point of curl to 4) to narrow the list of possible matches. For the Mature Head cents, use DRN #2 (alignment of point of curl to 8) for this purpose. These single points of reference are the most stable, reliable date position indicators, and they are relatively easy to determine. The remaining DRN's can help to further narrow the list of possible matches, if necessary.

Refer to diagrams to find a match. Using the list of candidates resulting from the DRN comparison, check those diagrams to find a match. I use a 16X glass to find attribution points, but a 10X can do the job. If you don't find a match, recheck the DRN. It takes a sharp eye and lots of practice to become proficient at this process. Low grade coins can offer a significant challenge, and some pieces just can't be attributed with certainty due to wear, damage, or (especially) corrosion.

Determine the die state. Most varieties are broken down into collectable die states. The definition of a "collectable" die state for this purpose is one that has at least one die characteristic that can be used to distinguish it from another die state of that same variety. These are listed from the earliest (state a) to the latest. My application of this definition is rather arbitrary, but the goal is to strike a balance between the extremes of too fine and too great a difference in the condition of the dies. A few varieties have their die states broken down in rather minute detail because they have traditionally been collected that way. Among these are 1849 N-1, 2, 3, 5, 7, and 9. When a rarity rating is shown for a particular die state, it reflects my experience regarding how often that die state appears for the variety. The rarity of pieces with rim cud breaks is derived from an actual count of the examples I have seen (or have been reliably reported to me); the rarity of other difficult die states is an estimation. I am sure many die states without any special mention of their rarity are very rare and will prove to be quite a challenge for collectors. Die state collecting of Late Date Large Cents has become a very popular segment of our hobby, especially for pieces with rim cuds.

A special note on grading

The grading standards used by Early American Coppers (EAC) members are more strict than the standards applied by most third-party grading services. In this reference, the grade of "Mint State" means a coin with no wear and no significant distractions such as cleaning, obvious contact marks, or bad carbon spots. **In most cases, a grade assigned by a third-party grading service will be higher than a grade assigned by an EAC member, particularly for pieces graded with a "BN" or Brown designation.** This applies to both mint state and circulated grades. However, third party grades given by PCGS or NGC for "RB" or "RD" cents occasionally are **lower** than grades assigned using EAC standards.

Following the rarity rating for each variety I have included a count of the mint state examples I have seen or have been reliably reported to me over the last 40+ years. Obviously I have not seen every cent that has survived in mint state condition, but I think this information can be helpful in determining the **relative availability** of mint state examples of each variety. And I added a comment regarding the number of those that had a significant amount of original mint red remaining or traces of mint red. I consider a minimum of 20% of the surface to be significant (about the same amount of mint color used by the major grading services to add an "RB" or Red & Brown designation to the grade they assign). In addition where I felt it was significant I added information on the availability of specific die states in mint state condition.

Date Position Reference Numbers

1st Digit - Petite Heads - Vertical alignment point of bust to 18

1. Left of center of space between 1 & 8
2. Over center of space between 1 & 8
3. Slightly left of 8
4. Over left edge of 8
5. Left of center of left curves of 8
6. Over center of left curves of 8
7. Right of center of left curves of 8
8. Over inner left curve of 8

1st Digit - Mature Heads - Vertical alignment point of bust to 1

1. Left of peak
2. Over tip of peak
3. Slightly right of tip of peak
4. Midway tip of peak and upright
5. Left of left edge of upright
6. Over left edge of upright
7. Right of left edge of upright
8. Over center of upright
9. Right of center of upright
0. Over right edge of upright

2d Digit - Petite Heads - Vertical alignment center of point of curl to 4

2. Left of upright
3. Slightly left of upright
4. Over left edge of upright
5. Between left edge and center of upright
6. Over center of upright
7. Between center and right edge of upright
8. Over right edge of upright
9. Right of upright

2d Digit - Mature Heads - Vertical alignment point of curl to 8

1. Over center of 8
2. Right of center
3. Left of inside of right curve
4. Over inside right curve
5. Right of inside right curve
6. Midway between inner and outer right curves
7. Left of outer right curve
8. Over outer right curve
9. Right of outer right curve
0. Midway between the 8 and next digit, 4 or 5

4th Digit - Petite Heads - Distance from left edge of base of 1 to dentils

3rd Digit - Mature Heads - Distance from top of first 1 to bust

4th Digit - Mature Heads (1840's) - Distance from top of first 4 to curl

6th Digit - Mature Heads - Distance from left edge of base of 1 to dentils

1. Embedded
2. Touches heavily
3. Just touches
4. Almost touches
5. Very close
6. Close
7. Medium distance
8. Distant
9. Very distant

4th Digit - Mature Heads (1850's) - Relation of top of 5 to curl

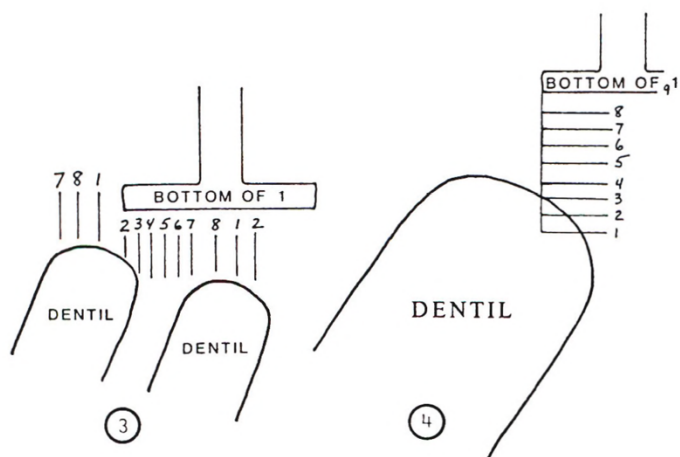
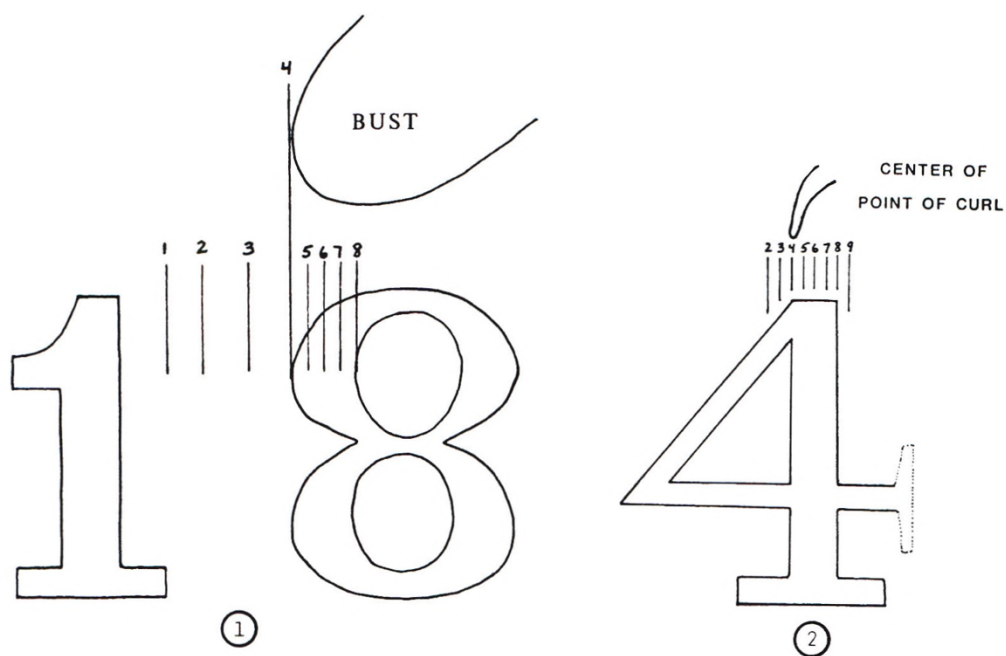
1. Right and left tops touch curl
2. Right and left tops close to curl
3. Right and left tops distant from curl
4. Left top touches curl, right top does not touch curl
5. Left top close to curl, right top more distant
6. Left top distant from curl, right top more distant
7. Right top touches curl, left top does not touch curl
8. Right top close to curl, left top more distant
9. Right top distant from curl, left top more distant

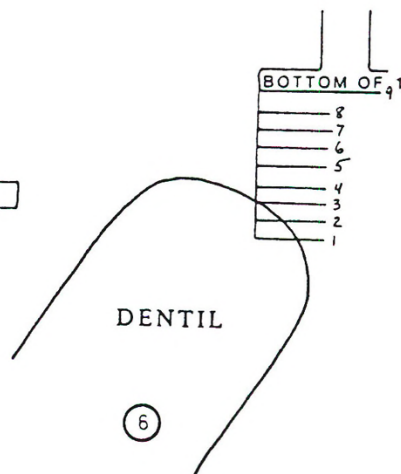
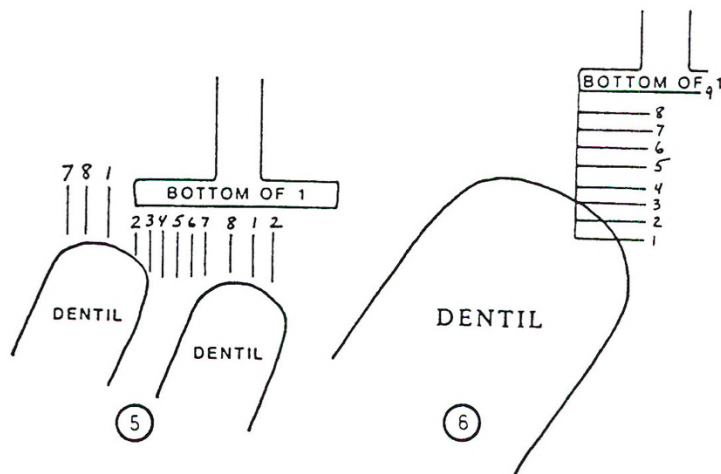
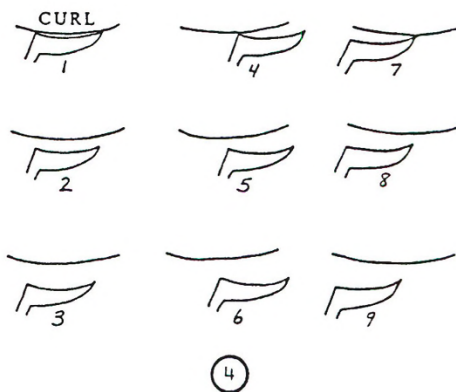
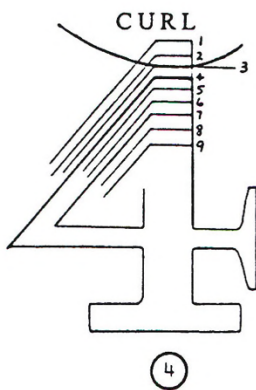
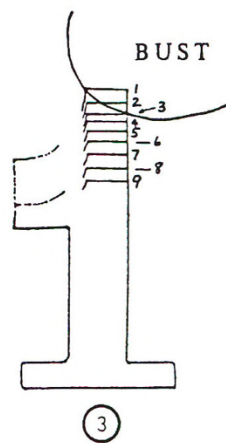
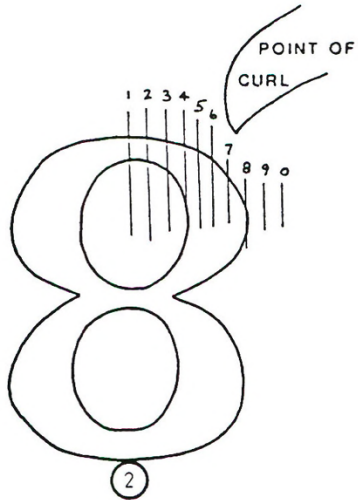
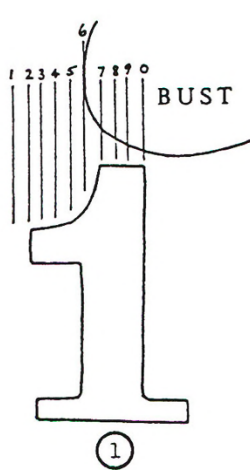
3rd Digit - Petite Heads 5th Digit - Mature Heads - Vertical alignment left edge of base of first 1 to dentils below

1. Over center of dentil
2. Right of center of dentil
3. Over right edge of dentil
4. Right of right edge of dentil
5. Over center of space between dentils
6. Left of left edge of dentil
7. Over left edge of dentil
8. Right of left edge (or left of center) of dentil

Date position reference numbers are approximations and can vary considerably between the early and late die states of a variety. The variations are caused by the strength of the strike, die wear, and die polishing. These variations are most prevalent on the third and sixth DRN's on Mature Heads. For example, a strongly struck early die state example of a variety could have the top of the 1 touching the bust (position 3), and the left bottom of that 1 close to the dentils (position 6), while a late state example of that variety could have the top of the 1 very close to the bust (position 5), and the left bottom distant from the dentils (position 8). The reference numbers listed for each variety reflect the date position normally seen on relatively early strikes. You have to adjust for slight increases in the distance measurements on late, weak strikes. The vertical alignment position numbers, in general, are more constant than the distance numbers.

Date Reference Numbers - Petite Heads





Glossary of Terms

Attribution Markers - The various lines, points, die breaks, date repunching, etc., used to identify a particular die variety. (Sometimes called "**attribution points.**")

Clashmarks - Damage caused when dies come together without an intervening planchet (clashed dies). Clashing results in portions of the opposing die impressed onto each die. Coins struck from clashed dies usually show evidence of clashing in the fields at the left top of O in ONE (where the jaw and throat are lightly impressed), and less frequently at the throat, inner curl, over the left top of N in CENT, and at the right top of T in CENT.

Crumbling - Lumps and other raised metal (usually on the edges of letters, berries, and leaves) on a struck coin resulting from small pieces of the die flaking or chipping off during use. This type of defect is most often seen on the reverse dies of 1849, possibly a result of poor die preparation techniques or inferior die steel used that year.

Dentils (Denticles) - The small, uniform bumps that line the border of a struck cent. These bumps are separated by distinct spaces or notches and spread evenly around the border on both the obverse and reverse.

Die Break - A raised, irregular line of metal on a struck coin resulting from a crack in the die. Subsequent die polishing can weaken the appearance of a die crack for a period of time, but the crack usually regains its strength as the die continues to strike coins. (Caution: A thin scratch or cut on a coin can be confused with a die break. Close examination is sometimes required to differentiate between the two.)

Die State - The condition of the dies represented by fading die defects or details, die breaks, die wear (roughness and flowlines), or die polishing done during the marriage of that pair of dies. Early die state (early state/early example) refers to a cent struck at or near the beginning of the marriage. Late die state (late state/late example) refers to a cent struck near the end of that marriage. Earliest or latest die state is sometimes used to describe the extremes when such a distinction can be made. Intermediate or middle die state are terms sometimes used to describe cents struck somewhere between the early and late states.

Field - The flat, smooth area of a coin between all the raised devices and dentils.

Filled Die - A die clogged with foreign matter (grease, slag, etc.) in an incuse part. A filled die produces coins with missing or severely weakened stars, numerals, letters, hair details, etc., depending on which part of the die is clogged. A clogged die is usually cleaned and placed back into service when the defect is detected.

Flowlines - Raised, irregular lines present to various degrees on the later die states of most varieties. These lines are the result of erosion on the dies created by metal flowing outward from the central portions of the planchet toward the rims during striking. Most flowlines are radial (on a line from the center of the planchet to the rim), and these lines are strongest near the rim where the metal flow is strongest.

Hub Defects - Die defects common to all working dies made from that master hub (master die). The most visible hub defects for Petite Head cents are the extra points on star 13 (actually alignment lines extending from parts of the star) and lumps under the date. For Mature Head cents, the most common defects are an extension to the left from the left base of Y, fine lines and lumps around IBE, roughness (lines and irregular lumps) near the dentils on the obverse (strongest at stars 2-3), a squared lump on the edge of the leaf below the junction of N & I in UNITED, and a sharp point down from the bottom right edge of E in CENT. These hub defects are present to varying degrees on the early die state of most varieties. Their presence or strength varies greatly depending on how deeply the hub was impressed into the working die and the amount of polishing or die wear that has occurred. These defects **should not** be used as an attribution marker to identify a die variety, but they can help determine the die state for many varieties.

Hub Doubling - Doubling created by a doubled die rather than an error in striking (die bounce/machine doubling or double strike). This type of doubling is constant between examples of a particular variety, although the die state and wear often affect the visibility of the doubling. Many varieties show microscopic hub doubling on sharp, early examples. On a few varieties, the hub doubling is quite obvious in all die states. Among these are the reverses of 1849 N-8, 10, & 27, and the obverse of 1856 N-9. (Note: Hub doubling does not affect the date, which is added after the hubbing process is complete.)

K-Numbers - Numbers used to represent positions on a coin corresponding to the hours on a standard 12-hour clock face. The K refers to a Mr. Kolt who popularized this reference for coins.

Lapping - The process of smoothing the face of a die to remove minor defects. This is done prior to the initial use of a die to remove hub defects and smooth out any imperfections created during the hubbing process. Most coins show evidence of this initial die lapping, but it ranges from highly polished to barely touched. Lapping during the marriage is done to refresh the dies by removing roughness, flowlines and crud that may be stuck to the dies (see low spots and filled die). Excessive lapping reduces the relief (depth of field) of a die and the coins it produces. Excessive lapping to an obverse die usually results in thin, weak date digits, especially on the base of the first 1.

Legend - ONE CENT and UNITED STATES OF AMERICA on the reverse.

Low Spot - An irregular depression on a struck coin created when some foreign matter (grease, slag, etc.) adheres to the die. Low spots are a common occurrence on late date large cents, and are most often found on the neck and in the field around ONE CENT. These depressions are not constant since the crud tends to come and go at will as coins are being struck, and the dies are occasionally cleaned. Common low spots are described for some varieties in this book, but the presence or absence of any low spot **should not** be used to determine a die variety.

Machine Doubling - Doubling created by a slight bounce or horizontal slide of the die during the striking process. Sometimes called **strike doubling or machine doubling**. This type of doubling is often found on the reverse, especially on the N's in ONE CENT and the berries in the wreath, but it can occur anywhere on the reverse. It is almost never seen on the obverse, which leads me to believe the hammer (top) die was the reverse for these cents. This type of doubling is not constant and should not be confused with a doubled die (see hub doubling).

Marriage - The mating of an obverse die with a reverse die to strike cents of a given variety. Most of these marriages were for life, but many were not, and a few dies had several flings.

Misaligned Dies - A striking error created when the two dies are not aligned to meet properly. Axially misaligned dies (the die faces are not in parallel alignment) produce unevenly struck coins. Examples of this type of alignment problem are 1855 N-5 and 1856 N-14. Vertically misaligned dies (the more common problem) produce coins with one die properly centered on a planchet but the opposing die slightly off center. Occasionally both dies are slightly off center in **different** directions (if off in the same direction, then it's an off-center strike). Notable examples of vertically misaligned dies are found in some die states of 1853 N-19 & 27, and on the proof-only strikes of 1846 N-24.

N-Number - The variety number assigned by Howard R. Newcomb. Varieties discovered subsequent to his 1944 book on the series have been given honorary Newcomb numbers. The honorary Newcomb numbers are enclosed in parentheses to differentiate them from the ones he assigned.

Planchet - The metal blank that becomes a coin after being struck by the dies.

Repunched (Recut) - Evidence of a die sinker's attempt to correct or improve a die. This type of defect normally is confined to the date, which was impressed into a die by hand using a gang of punches. Individual numeral punches could be used as well, usually to strengthen weaker digits.

Rim Break (Rim Cud) - A lump of metal on the flat of the rim just outside the dentils. A rim break is created when a piece breaks off the outer edge of a die. Subsequent strikes using that die will have a lump (sometimes quite large and strong) where the rim of the die is missing. Rim cuds on Petite Head cents are relatively weak and seldom show due to the narrow rim on those cents. Rim cuds on Mature Head cents are stronger and more constant due to the wider rim. A variation is the **retained cud**, where the broken section of the die does not fall away but shifts its position (up, down, or sideways).

Rotated Die - The obverse or reverse die is rotated away from its normal orientation, which is roughly head-to-foot. Rotations are noted assuming the reverse die is at fault. Rotations are mentioned when they are more than 20 degrees clockwise (CW) or counterclockwise (CCW), or when the rotation is helpful in determining the die state. One variety is often found significantly rotated (54N27). A few varieties are known with extremely rare rotations (40N12, 42N5 & 6, etc.)

Spur Rim Break - A small, usually triangular lump of metal on the very outside edge of the rim. These are not real rim breaks. Rather, they are the result of gouges in the edge of the die that occur during die preparation or cleaning. Spur rim breaks usually fade and disappear as a die wears.

Wire Rim (Knife Edge) - A thin lip of metal on the outer edge of the rim created when planchet metal squeezes up between the die and collar. A wire rim seldom shows all the way around a coin.

Summary of Delisted Varieties

1840	N-11	Late state of N-10
	N-13	Late state of N-12
1842	(N10)	Late state of N-6 (assigned by Reiver)
1843	N-1	Not assigned by Newcomb
	N-7	Late state of N-2
	N-13	Late state of N-4
1847	N-9	Intermediate state between N-24 & 25
	N-16	Late state of N-38
	N-17	Late state of N-26
	N-25	Late state of N-24
	N-33	Late state of N-3
	N-40	Late state of N-21
1848	(N-43)	Early state of N-30 (assigned by Reiver)
	(N-45)	Early state of N-2 (assigned by Reiver)
1849	N-6	Late state of N-22
	N-13	Late state of N-23
	N-15	Intermediate state of N-1
1850	N-8	Does not exist (Newcomb saw a damaged coin)
	N-10	Late state of N-21
	N-16	Late state of N-19
1851	N-11	Late state of N-12
	N-28	Late state of N-20
	N-32	Late state of N-24 (see comments at N-24)
1852	N-2	Late state of N-1
	N-9	Late state of N-22
	N-13	Late state of N-12
	N-19	Does not exist (see N-8)
1854	N-15	Not assigned by Newcomb
1856	N-15	Late state of N-16

Varieties and Die States
of
United States Large Cents
1840-1857

1840

Newcomb No.	Date Reference No.
-------------	--------------------

Small date. Hole in ear.

2	3 4 3 7
---	---------

Small date. No hole in ear.

1	1 2 1 9
---	---------

12	1 2 1 9
----	---------

3	5 9 4 9
---	---------

4	7 9 3 8
---	---------

Large date. Hole in ear.

5	1 6 8 6
---	---------

8	1 7 1 7
---	---------

7	1 8 1 9
---	---------

6	1 8 1 9
---	---------

Large date. No hole in ear.

10	2 8 1 8
----	---------

9	2 9 1 9
---	---------

Varieties Delisted

N-11	Late state of N-10
N-13	Late state of N-12



1840

N-1



OBVERSE: (DRN 1 2 1 9) **Small date without hole in ear. Point of curl left of upright of 4. Without lump on leading edge of coronet.** Early states have the left base of the 8 and bottom edge of the base of the 1 delicately repunched, clearest on the 8. Extra points also show on the left side of star 13 (actually hub defects present on early state examples of many Petite Head cents). The fields become slightly rough from flowlines and lapping removes the repunching on the 1 & 8 and weakens the hub defects on star 13. The hub defects on star 13 continue to wear and are gone in the late die state. In the later die states, this variety is very similar to the late state of N-12, but without the lump on the leading edge of the coronet. (See N-12)

REVERSE: The earliest state has fine parallel lines from the dentils over AMERICA, strongest at R & C, with fainter lines over UNIT, but all these lines fade and disappear quickly. The fields become flowlined, the details become mushy, and the die offers no diagnostics in the late state.

RARITY 1 (More than a dozen seen in mint state; only one of those shows a significant amount of mint red, eight others have traces of mint red remaining visible. Most of the mint state examples are in die state **b**.)

DIE STATES:

- a.** Repunching at left base of 8. (Some are weakly struck on the coronet over LIB.)
- b.** Repunching at 8 gone.



1840

N-2



OBVERSE: (DRN 3 4 3 7) **Small date with hole in ear. Small 8 punched over larger 8.** The blundered 8 is noticeably tilted to the left. The top of the 1 is also repunched with a strong, short extra peak above the first one. A strong, round lump is on the jawline just left of the earlobe. Sharp lines join the base of the R to the hair below. Business strikes also have a small lump on the top of the neck near the throat. A rim cud forms under 840 relatively early and smaller rim cuds are sometimes visible at stars 1-3 and from the date to star 13. Flowlines create roughness in the fields, strongest around the date and lower stars, but the repunching on the 18 is always visible, even on low-grade examples. The cud breaks frequently do not show on later state examples due to die wear and the narrow rims of Petite Head cents. Even a slight shift in die or strike alignment can make these cuds disappear.

REVERSE: Nearly free of diagnostic marks. A tiny lump inside the right top of the C in CENT is the only mark. Later states have flowlines and minor roughness around a weakened legend. Strike doubling has been seen on the left sides of ERIC.

PROOFS: At least a dozen proof strikes from this die pair are known. These are from the earliest state of the dies, before any rim cuds have formed.

RARITY 2 (R6+ as a proof) (More than a dozen business strikes seen in mint state; six of those show a significant amount of mint red, a few others have traces of mint red remaining visible. Only one mint state example seen in die state a.)

DIE STATES:

- a. Repunching on 18 sharp. No flowlines. (Proofs and early business strikes.)
- b. Repunching on 18 blurry. Rim cud break under 840 (May not show due to wear or precise die alignment. Most of the latest examples, even in high grade, have the cud weak or missing.) **PHOTO**



1840

N-3



OBVERSE: (DRN 5 9 4 9) **Small date without hole in ear. Cracked through stars 3-6, 11-13, and top of date to stars 1 & 2.** Two small lumps (hub defects) under the date: a triangular one under the space between 1 & 8, a round one under the space between 4 & 0. Sharp line down slightly to right from main curl to inner curl; short points at same angle from main curl over tip of inner curl. Short, fine lines down to left from throat and top of neck. Extra points from left side of star 13 (hub defects). Fine cracks occur **very** early through the stars and top of the date, as shown. The hub defects and die lines fade and disappear, and the cracks get stronger.

REVERSE: Nearly perfect. Earlier states show a few dull lines down to right from the dentils over R in AMERICA, but these lines fade and disappear. In the earliest die state there are additional fine die lines down to the left over ER.

RARITY 1 (More than a dozen seen in mint state; five show a significant amount of mint red, two others have traces of mint red remaining visible.)

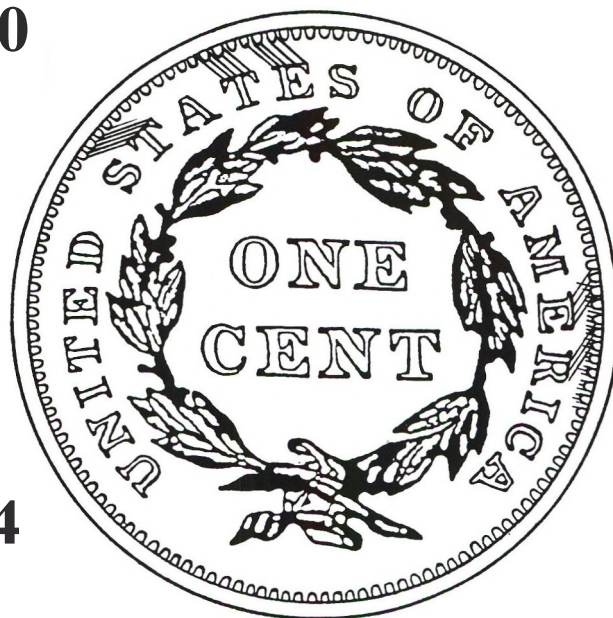
DIE STATES:

- a.** Uncracked obverse (unknown and may not exist).
- b.** Lump defects visible under date. Obverse cracked.
- c.** Lump defects under date gone. Obverse cracks stronger. (A few seen with the reverse rotated 25 degrees CCW.)



1840

N-4



OBVERSE: (DRN 7 9 3 8) **Small date without hole in ear. Numerous hub defects under date. Obverse not cracked.** Frequently called an overdate, 40 over 39, due to the hub defects under the date, but this is not an overdate. Bold hub defects under the date, strongest lump between the bases of 1 & 8. A strong vertical line up from the dentils just right of the 0. Strong pantograph lines (raised circular lines similar to those on a phonograph record) at IBE. Spur down to the left from lower point of star 5. Line down to left from main curl to inner curl. Dull point down from bottom of inner hair bun. Extra points on star 13 (hub defects). The line at the inner curl and point from the hair bun disappear early. The spur from star 5 and hub defects below the date fade and are barely visible late. Rim cud breaks occur rather early from under the 18 clockwise to star 3.

REVERSE: **Die lines from dentils to tops of ST, TE, and ERI.** Other fine die lines are visible in the earliest state, but the strongest ones are shown above. The ones over ERI eventually fade and disappear; the stronger ones at ST and TE remain visible, although weaker.

RARITY 3- (Seven seen in mint state; only one has a significant amount of mint red, four others have traces of mint red remaining visible. A dozen more seen in About Uncirculated grades. All the mint state examples seen are in die state **b**.)

DIE STATES:

- a.** Lump defects under date sharp. Die lines over ER clear. No rim cuds.
- b.** As state **a** but with rim cud breaks at 18 to star 3. Sometimes found with the reverse rotated 25-30 degrees CCW. **PHOTO**
- c.** As state **b** but the lump defects under the date are gone. The lines over ER are dull and weak when the lumps under the date disappear, but these lines are also gone in the latest state. The rim cuds may not show due to wear or slight shifts in die alignment.

1840



N-5

OBVERSE: (DRN 1 6 8 6) **Large date with hole in ear. Crossbar of 4 touches 8 & 0, with a small notch out of the 0 to accommodate the crossbar.** The right end of the crossbar of the 4 appears to be broken, with the end tilted slightly upward. This becomes more obvious as the die wears. The numeral 0 is recut at the left top. This recutting is sharp early and very dull in the latest state. Fine curved pantograph lines arc through ERTY, strongest just under the left top serif of the Y. Early examples show myriad lines on the neck and the extra points (hub defects) on star 13, plus a short spike to the left from star 1. All these lines and points fade and disappear as the fields become rough from flowlines and the details become mushy. The recutting at the left top of the 0 in the date is dull and barely visible in the latest state. Develops several small rim cuds, strongest at stars 9 & 1-3, but these seldom show due to wear and die alignment.

REVERSE: Earliest has fine lines down to left from the dentils at RICA, a few reaching the top of that I, but these disappear quickly. A tiny lump in the field over the left top of N in CENT, plus small lump defects on the tops of N & E in ONE. The lump in the field above N fades and is faint late. The lump on top of the N in ONE remains visible but the smaller ones on top of the E disappear as the fields become flowlined and the legends become blurry.

RARITY 1 (Fifteen seen in mint state; three show a significant amount of mint red, eight others have traces of mint red remaining visible. Only one mint state examples seen in die state a.)

DIE STATES:

- a. Recutting at the left top of the 0 in the date is clear. Die lines over RICA. (Scarce)
- b. Recutting at 0 visible but blurry. Lines over RICA gone.
- c. Recutting at 0 barely visible, if at all. Rim cuds on obverse. **PHOTO**



1840

N-6



OBVERSE: (DRN 2929) **Large date with hole in ear. Repunching on 40, clearest inside right side of 0.** The ear hole has a small lump in the upper-left center (see N-7). Crossbar of 4 touches 8 & 0, and its right end gradually narrows to a point. Extra points (hub defects) on star 13 in early state, but these fade and disappear. Sharp vertical line close to front edge of eyeball, but this fades and disappears as well. A collection of tiny rust lumps is on the earlobe and in the hair to the right. Develops three tiny rim cuds at star 13 rather early, but these are seldom visible, even on mint state examples in later die states. The repunching on 40 fades but remains visible even on the latest strikes, strongest inside the 0.

REVERSE: Earliest has fine lapping lines down to left covering the fields, strongest inside the wreath and at various angles at UNITED, plus arc-like scribe lines following the dentil tips over UNIT (double line) and ERIC (single line). The arc lines at the dentils fade and disappear very early. The fine lapping lines fade and disappear soon after and a sharp line is added inside the top of E in UNITED rather early. All the die lines are gone in the latest state.

RARITY 1 (More than two dozen seen in mint state; a half dozen show a significant amount of mint red, many with traces of mint red still visible. Only one mint state seen in die state **a.**)

DIE STATES:

- a.** Repunching on 40 sharp. Arc lines at dentil tips over UNIT and ERIC. (Extremely Rare)
- b.** Arc lines over UNIT and ERIC gone. Repunching at 40 clear. Point to left from star 13 visible.
- c.** Repunching on 40 weak but visible. Point to left from star 13 gone.



1840

N-7



OBVERSE: (DRN 1 8 1 9) **Large date with hole in ear. Sharp lump in center of ear hole (see N-6). Crossbar of 4 touches 8 but not 0.** A short, squared lump extends up from the top of the 4. This extension is sharp and clear early, weak and blurry late. Short spur up to right from top of the inner curl. Early examples have fine lines down to right from the junction of the inner and outer hair buns, but these lines fade and disappear. Later states sometimes show small rim cud breaks from star 12 clockwise to star 2, strongest under 18.

REVERSE: Earliest has fine lines down to left from dentils over ES, strongest over the left side of the E, but these lines disappear quickly. The depth of field for this die is very shallow compared to the other 1840 reverses, and after some practice the variety can be identified using this feature. Becomes increasingly rough, especially the field outside the wreath.

RARITY 3 (A half dozen seen in mint state; only one shows a significant amount of mint red, three others have traces of mint red remaining visible. A dozen seen in About Uncirculated grades. No mint state examples seen in die state **a**).

DIE STATES:

- a.** Lines visible from junction of buns and over ES. (Very Rare)
- b.** Lines gone. Extension from top of 4 clear.
- c.** Extension from top of 4 weak and blurry. Tiny rim breaks under date. Reverse legend weak.



1840

N-8



OBVERSE: (DRN 1 7 I 7) Large date with hole in ear and large dot in its center. Foot of 4 and its crossbar are the same length on the right side of the upright. Crossbar of 4 is close to 8 & 0 but does not touch either one. Short, dull point down to left from throat. This point fades and is gone in later states. The earliest state has fine pantograph lines and die scratches on the neck and bust, plus short horizontal lines from the dentils over star 10 down to star 13 (the lines under star 13 at a different angle), but these quickly disappear. Die becomes rough and flowlined, especially on the lower portion of the neck. Develops rim cud breaks under the date and later around the right side up to star 8, but the latest state will seldom show all the cuds due to minor shifts in die alignment. Lapping late in the marriage leaves reflective fields and a string of die roughness connecting stars 10-12. The rim cuds at star 8 occur following the die polishing; the cuds at stars 9-11 may also come after the lapping.

REVERSE: Earliest has fine lapping lines down to right in the fields, strongest left of C in CENT, fine lines at the dentils over IT, and lines at different angles over ERIC. Small lump on the bottom of C in CENT. All the lines soon fade and disappear as the die becomes rough and flowlined. A late lapping removes the roughness leaving reflective fields and fine lines down to right in the fields, strongest inside the wreath. The lump on the bottom of the C in CENT remains visible.

RARITY I (More than two dozen seen in mint state; six with a significant amount of mint red, many more with generous traces of mint red remaining visible. No mint state examples seen in die state a.)

DIESTATES:

- a. Point from throat clear. Lines at stars 11-13, over ERIC. (Extremely Rare)
- b. Lines at dentils gone. Point from throat weak.
- c. Point from throat gone.
- d. Series of obverse rim cuds from star 8 clockwise to date (rarely will all show). *PHOTO*



1840

N-9



OBVERSE: (DRN 2 9 1 9) **Large date without hole in ear. Bisecting obverse crack.** Crossbar of 4 distant from 8 & 0. Strong pantograph lines cover the portrait, especially the neck. The epicenter of these circular lines is the ear hole. (Similar lines are found on the early state of many 1840 cents, but they are especially strong on this variety.) No die lines, but all seen have at least a faint crack from the dentils under star 4 into the field towards the nose, quickly reaching the nose and extending across the portrait to star 11 and the dentils at right. This crack becomes strong and in the later states a shelf forms with the lower half of the coin clearly raised above the upper half.

REVERSE: **Spur to left from left base of O in ONE.** Early examples also have fine lines down to left from the dentils over ER and a sharp lapping line down through the second T in STATES to the N in CENT. These lines disappear quickly as the fields become rough and mushy from flowlines. The spur from O in ONE is barely visible in the latest die state.

RARITY 3 (A half dozen seen in mint state; two have a significant amount of mint red, three more have traces of mint red remaining visible. Another dozen seen in About Uncirculated grades.)

DIE STATES:

- a. Obverse uncracked (unknown and may not exist).
- b. Faint crack from dentils into field under star 4. Lines at dentils over ER. Fields still smooth and slightly reflective. (Rare)
- c. Crack reaches nose. Lines over ER faint. (Rare)
- d. Crack bisects obverse but is not yet strong. Narrow rim cuds may show below 18 and at star 1. (The usual state)
- e. Crack is strong with field below crack higher than field above the crack. (Scarce)



1840

N-10

N-11



OBVERSE: (DRN 2 8 1 8) **Large date without hole in ear. Obverse uncracked.** Early states have a blunt point on the curl over the 4, the curl at the forehead touching the forehead, and the left base of the 1 fairly close over the center of a dentil. A tiny lump occurs very early on the jawline. Lapping midway through the marriage left a sharp point on the curl over the 4, weakened the forehead curl so it no longer touches the forehead, and made the base of the 1 appear farther from slightly shortened dentils (Newcomb's #11). Develops a rather strong rim cud between stars 9 & 10 with additional small rim cuds from star 7 to star 11. The sequencing of these cuds is difficult to determine since few high-grade examples of the later die states are available. The cud at stars 9 & 10 may occur prior to the lapping that creates Newcomb's #11.

REVERSE: **Short spur up to left from top of E in CENT. Dull arc line at dentil tips over MERIC,** a weaker one follows the dentil tips over NITE (similar to N-6). The arc lines over MERIC & NITE fade and disappear very early. The spur from E fades and becomes a tiny lump. The field outside the wreath becomes rough and flowlined, and the legend weakens. (Note: This variety is often confused with the earlier states of N-9. It is easily attributed by default: large date without hole in ear, no spur on O in ONE, and no obverse crack.)

RARITY 2 (Fewer than ten seen in mint state; only one has a significant amount of mint red remaining, three more have generous traces of mint red still visible. Another dozen seen in About Uncirculated grades. Most of the mint state examples seen are in die state **d**.)

DIE STATES:

- a. Dull arc line at dentil tips over MERIC. Spur on E in CENT visible. (Scarce)
- b. Point of curl over 4 still blunt. Line over MERIC gone. Spur on E weak.
- c. Point of curl over 4 is sharp. Spur from E now a small lump. (Newcomb's #11)
- d. Point of curl over 4 is sharp. Rim cuds at stars 7-11, strongest at stars 9-10. (N-11) **PHOTO**



1840

N-12

N-13



OBVERSE: (DRN 1 2 1 9) **Small date without hole in ear. Lump on leading edge of coronet.** Early states have a strong lump on the bottom edge of the base of the 1 and extra points on star 13 (the usual hub defects). Sharp line under the base of T to the hair under Y and a sharp line down to right touching the right foot of Y. Small lump over R. Sharp, strong line down slightly to left joins main and inner curls; another line down to right inside the inner curl. Earliest state has reflective fields and fine horizontal lines from the dentils under the right side of star 1 to below 18, but these disappear very quickly. Lapping removes the lump under 1 and the extra points on star 13 (Newcomb's #13), and subsequent die wear removes all the other defects except for the lump on the leading edge of the coronet. Some later examples show a very thin rim break under 84. In the later states, this variety is very similar to the later states of N-1, but N-12 **always has the lump on the leading edge of the coronet.** (See N-1)

REVERSE: Early states have a point to left from the leaf under the left edge of E in UNITED, plus some weak lines at the same angle up from the tops of NITE to the dentils. Fine lines up to right from ER to dentil s; another line at different angle to top of that E. All these defects fade and disappear early, the point from the leaf the last one to go. The field outside the wreath becomes slightly rough and flow-lined. Normally this reverse shows no diagnostics.

RARITY 2 (Nine seen in mint state; none of those has a significant amounts of mint red, four have generous traces of mint red still visible. Six seen in About Uncirculated grades, more than a dozen in Extremely Fine grades.)

DIE STATES:

a. Lump defect at base of 1. Lines at NITE and ER visible. Earliest also comes with the obverse misaligned to K-7. Slightly later examples of state **a** are known with the reverse rotated at various degrees counterclockwise from the normal head-to-foot orientation (80, 90, 100, 110, 145, 160, & 170 degrees CCW have been seen; others probably exist and all are rare).

b. Lump at base of 1 and lines at NITE and ER are gone. Sometimes shows a narrow rim cud below 84. (Newcomb's #13)

1841

Newcomb No.	Date	Reference No.	
1	1 3 7 9		Proof Only
6	1 4 7 9		
7	1 4 8 8		
2	3 5 6 8		
3	3 7 8 9		
5	5 8 7 9		
4	5 9 6 9		

1841



N-1
PROOF ONLY



OBVERSE: (DRN 1 3 7 9) **Proof Only.** Sharp point of curl just left of upright of 4. No lines, cracks, or other attribution markers.

REVERSE: (Same die as N-1 of 1842) Fine line joins bases of ITED, strongest between the I & T. Elongated lump on right edge of top serif of C in CENT. Small lump on right edge of upright of T in CENT. Most also show a small triangular lump on the rim over the second T in STATES.

RARITY 5 (One of the more common of the Proof-Only varieties, and many have significant amounts of mint red.)

DIE STATES: All as above.

Note: The hub for all Petite Head cent dies has a blunt point on the curl over the date. A sharp point is created when a working die is lapped excessively as was done on this proof die. The 1840 N-10/11 offers an excellent example of this effect on a business strike.

1841



N-2



OBVERSE: (DRN 3 5 6 8) **Two parallel lines in space right of Y.** Fine crisscrossed lines at main and inner curls. Short lines and points down to right from hair buns. Fine lines up to right from hair under star 7. Lumps (hub defects) under center of upright of 1, under right base of 4, and an elongated lump under the peak of the second I. Star 13 has the usual extra points plus an outline of another star on its left side. Stars 9, 10, and 12 each have an extension to one of their points. Lapping removes all defects except for the two parallel lines right of Y and a few of the extra points on star 13. Latest has moderate roughness in the fields, strongest around the date.

REVERSE: **Strong point to left close under left top of M.** Earliest has fine lines at ON and EN, but these fade quickly. Strong point up to left from the left side of O in ONE. Short lines down to right at ME, another over the right side of the M. The lines at ME and point from O in ONE fade and are gone in the latest state, the point under the left top of M the last to go.

RARITY 2 (More than a dozen seen in mint state; six of those have a significant amount of mint red, four others have generous traces of mint red still visible. Many seen in About Uncirculated grades.)

DIE STATES:

- a. Lump defects at date. (Most of the high-grade examples are in this die state. Comes with the reverse rotated 90 degrees CW and 150 degrees CCW, and both rotations are quite rare. Other rotations may exist.)
- b. Lump defects at date are gone.

1841



N-3



OBVERSE: (DRN 3 7 8 9) **Cracked through base of date to outer point of star 13 extending to near outer point of star 12.** Earliest has a short extension up from the top of the first 1 and fine repunching at the top of the 8, but these defects fade very early. Earliest seen has reflective fields covered with fine polishing lines at different angles, strongest down to right from the tip of the nose. May come perfect but all seen have the crack, which is very fine early but quickly strengthens and becomes obvious. Extra points on star 13 are visible early, gone later. The fields are moderately rough and flowlined in latest state.

REVERSE: **Cracked from dentils over R through ICA, stem, ribbon, bottom of UNITED, through ST to dentils over A.** May come uncracked, but the earliest seen has these cracks which are fine early but quickly grow stronger. Parallel lines over the N in UNITED. Other lines at different angles from dentils over MERICA, strongest over C. Additional cracks develop from the tip of the ribbon down to the dentils and up from the tops of U & I to the dentils above. Latest state has the lines at N and MERICA gone and some fine cracks from the leaf under ES to OF-A.

RARITY 2 (More than a dozen seen in mint state; three have a significant amount of mint red remaining, six more have traces of mint red remaining visible. Only one mint state example seen in die state **b**.)

DIE STATES:

- a.** Dies uncracked (unknown and probably does not exist).
- b.** Faint repunching at tops of 18. Cracks faint. Lines at N and MERICA clear. (Very Rare).
- c.** Repunching at 18 gone. Reverse lines weak but visible. Cracks clear. Additional cracks to dentils from ribbon tip, U, and I. Crack from leaf to OF-A occurs late in this state. A few are known with the reverse rotated 60 and 75 degrees CCW.
- d.** Reverse lines over MERICA are gone (faint remnants of the lines over N in UNITED are sometimes visible on higher grade examples).

1841



N-4



OBVERSE: (DRN 5 9 6 9) **Cracked through stars 6-8 with extensions to the dentils over star 5 and right of star 9.** Short lines at dentils below 4 and under star 12. Short point down from neck near throat. The cracks are fine early, clear later. The point and lines fade and disappear. Develops a rim cud under the date and star 1 midway through the marriage, but it may not show on later examples due to wear or the narrow rim. Extra points on star 13, but these fade and disappear.

REVERSE: **Cracked through top of UNITED extending to dentils at ribbon tip and over ST.** Numerous lines and points at ONE CENT. Lines from dentils over N and T in UNITED, others over ERL. May come perfect, but the earliest seen has the crack described. This crack is fine early, strong later. The defects at the dentils fade and disappear, but most of the lines and points at ONE are still visible in the latest state.

RARITY I (One and a half dozen seen in mint state; five have a significant amount of mint red remaining, seven more have traces of mint red remaining visible. Most of the mint state examples are in die state c.)

DIE STATES:

- a. Uncracked dies (unknown and probably does not exist).
- b. Both dies lightly cracked. Lines at dentils under 4, over N, and over ERI all clear. (Rare)
- c. Rim cud under date and star 1. Lines of state b are weak and blurry.
- d. Lines under 4, over N, and over ERI are gone. Many of the lines and points at ONE still visible. The obverse rim cud may not show. (Scarce)



1841

N-5



OBVERSE: (DRN 5 8 7 9) **Cracked through most stars.** These cracks are weak early but soon become clear. Lines at various angles at main and inner curls, but these fade and are gone in the later states. Latest state has several thin rim cuds under the date and star 13.

REVERSE: (Same as N-7, later) Short points from O in ONE. Line down from left top of N in CENT; another line at same angle over that N. Point down from leaf between U and ribbon. Small lump on left side of E in CENT. Always seen with some roughness outside the wreath. Develops a die crack from the dentils through E in UNITED to the wreath passing to the dentils over O in OF.

RARITY 3- (A half dozen seen in mint state; only one has a significant amount of mint red remaining; two others have traces of mint red remaining visible. Another ten seen in About Uncirculated grades. Most of the mint state examples are in die state **d**.)

DIE STATES:

- a.** Obverse uncracked (unknown and probably does not exist).
- b.** Obverse cracks light, even faint. Lines behind head clear. Lines at N in CENT visible. (Rare)
- c.** Obverse cracks clear. Lines behind head and at N in CENT gone. Reverse uncracked.
- d.** Reverse cracked. May show narrow rim cuds below the date and star 13. (The usual die state for the highest-graded examples.)

1841



N-6



OBVERSE: (DRN 1 4 7 9) **Long, heavy line down slightly to left just right of main curl.** Other weaker lines at different angles at main curl, inner curl, and neck. Points up to left from nose at eye. Short lines to right at right corner of eye. Extra points on star 13, strongest extending from the left star point. The lines at the neck fade and become very weak; the other defects weaken to a lesser degree. The strong line down to left of vertical just right of the main curl becomes dull but remains clearly visible as the die buckles and the right field develops a vertical wave.

REVERSE: Dull lines down to right from dentils over TE in STATES, others over ER with a couple reaching the R. Lump on top of O in ONE; two others on the left top of T in CENT. The lines at the dentils fade and disappear as the die wears, a remnant from the left top of R in AMERICA remaining until the latest state. The lumps remain visible.

RARITY 1 (Two dozen seen in mint state; several of those with significant amounts of mint red remaining. The most-available variety of the year in mint state.)

DIE STATES:

- a. Lines at neck, TE, and ER clear.
- b. Lines at neck weak. Lines at TE and ER gone.
- c. Vertical wave in field under inner hair bun. Lines at neck and curls weak but visible, the dull line just right of the main curl clearest.



1841

N-7



OBVERSE: (DRN 1 4 8 8) **Two parallel lines at throat; these shorten to points from the neck as the die wears.** Earliest has fine horizontal lines at the dentils under stars 1 & 13. Delicate repunching at the tops of 1 & 8. Small lump defects (hub defects not lapped off the die) under the first 1 & 4. Tiny points down to right from main curl. Extra points on star 13. The fine lines at the dentils disappear early; the points and hub defects fade and disappear later. The lines at the throat become shorter and are long points from the neck in the latest state. Develops a fine crack from star 8 to the hair while the hub defects are still visible. Later a crack grows from the dentils under star 1 to the throat, eventually reaching the cheek left of the ear.

REVERSE: (Same as N-5, earlier) **Lines and points at ONE CENT, strongest a short line down to left from left top of N in CENT.** Point down from leaf between U and ribbon. The lines and points fade but remain visible as minor roughness develops in field outside wreath.

RARITY 2 (More than a dozen seen in mint state; five of those have a significant amount of mint red remaining, six others have traces of mint red still visible. Most of the mint state examples are in die state a.)

DIE STATES:

- a.** Lumps under first 1 and 4. Obverse uncracked. (The usual state)
- b.** Lumps very weak. Faint crack from star 8 to hair. (Scarce)
- c.** Lump below 4 weak, lump under first 1 barely visible. Crack from dentils under star 1 into field halfway to throat. (Rare)
- d.** Lumps gone. Cracks extend to throat and into hair. In the latest state, the crack to the throat extends onto the cheek even with the ear, and the upper crack extends down to the coronet over T, but these extensions will not show on worn examples. (An example with a **complete** bisecting crack is unknown.) (Very Rare)

1842

Newcomb No.	Date Reference No.
Small date	
1	2 5 2 9
2	4 9 7 9
Large date	
4	3 2 8 6
8, 3	4 4 5 7
5	5 5 2 5
9	5 6 2 5
6	6 5 1 6
7	8 8 5 7

Varieties Delisted

(N-10) Late state of N-6 (assigned by Reiver)



1842



N-1

OBVERSE: (DRN 2 5 2 9) **Small date with point of curl over center of upright of 4.** Strong lump (hub defect) under right side of upright of 1; another lighter one below right base of 4. Small lump on bottom edge of jaw near throat, another on front edge of neck, one on top edge of coronet over L, and a final one on bottom edge of bust over space between 8 & 4. High grade examples of any die state will show fine lines on the cheek and throat. These lines show clearest on the proof strikes, but they remain visible on choice later examples as well.

REVERSE: (Same as 1841 N-1, later) The proofs and earliest business strikes have a fine line through the bases of ITED, but this fades quickly. A triangular lump on the rim over the second T in STATES shows only on the proof strikes, weakly if at all on the earliest business strikes. Elongated lump on the right edge of the serif of C in CENT; a smaller one on the right side of the upright of T in CENT. The lumps remain visible as roughness develops in the field outside the wreath. Strike doubling/machine doubling sometimes seen on early die state examples.

RARITY 3 (R7 as a proof) (A half dozen business strikes seen in mint state; two of those have a significant amount of mint red remaining, one other has generous traces of mint red still visible. Eight seen in About Uncirculated grades. Only one mint state business strike seen in die state a.)

DIE STATES:

- a.** Lumps under 1 & 4 are visible. Line at ITED clear. (Proofs and earliest business strikes only. The business strikes in state **a** are rare.)
- b.** Line at ITED and lump under 4 gone (line at ITED goes first). Lump under 1 weak.

1842



N-2



OBVERSE: (DRN 4 9 7 9) **Small date with point of curl slightly right of upright of 4.** Hub defects under date, strongest under right side of 1. Strong lines up to left from dentils under date and star 13. Horizontal lines from dentils under star 1. Fine lines up to left from neck and down to right on same angle from chin. Point down from inner hair bun, another down from main curl. Extra points on star 13. The lines from the dentils, neck, and chin fade and disappear quickly. The hub defects at the date fade and become blurry as the fields become slightly rough from flowlines. Lapping then removes these defects and smooths the fields leaving weakened points from the inner bun and main curl and an extra point to the left from star 13. These defects continue to fade and are gone in the latest state. The fields become increasingly rough, especially from the eye to LIBE. Latest has a small lump in the field close over the lowest curl on the shoulder and small rim cuds from under the 1 to star 2, but these seldom show.

REVERSE: Fine lines down to the left join the N in ONE to the E in CENT. Dull lines from dentils to tops of ERI, strongest to R. Small lump on left side of C in CENT. Tiny lumps develop early left of N in ONE and T in CENT. The lines at ERI fade and disappear early; the ones at N in ONE and E in CENT remain visible longer. Die is then lapped removing all the lines and lumps. The fields become slightly rough from flowlines. Latest has a fine crack from the bottom of C in CENT to the wreath and another in the leaves below UN passing down to the dentils below the ribbon tip.

RARITY 1 (More than two dozen seen in mint state; seven of those have substantial amounts of mint red remaining, many others have traces of mint red still visible. Only one mint state example seen in die state **a**, most are in die state **d**.)

DIE STATES:

- a.** Defects at date and lines from obverse dentils clear. (Rare)
- b.** Defects at date weak and blurry. Lines at ERI gone. Lines at ONE CENT visible. (Scarce)
- c.** All lines and defects gone.
- d.** Reverse lightly cracked. May show narrow rim cuds from the date to star 2. (Cracks and rim cuds not visible on worn examples.)

1842



N-3



OBVERSE: (DRN 4 4 5 7) (Same as N-8, later) No notable diagnostics. The fields are smooth and slightly reflective early (result of a lapping between the N-8 and N-3 marriages) but quickly become slightly rough and the profile draws into the field, especially at the nose tip. A tiny lump on the jawline over the throat may show on high grade examples. A fine erosion line (like a faint crack) joins the tip of the eyelash to the bottom of the eye. This variety is often confused with the late state of N-4. The left edge of the base of the 1 is over the space between dentils on N-3, but it over the center of a dentil on N-4.

REVERSE: (Same as N-4, later) Small lumps on top and bottom of E in CENT at upright; another on wreath stem left of base of C in CENT. Earliest has fine parallel die lines at UNI, but these lines fade and disappear quickly.

RARITY 2 (More than a dozen seen in mint state; three have significant amounts of mint red remaining, four others have traces of mint red remaining visible. No mint state examples seen in die state a.)

DIE STATES:

a. Fine lines at UNI. (Very Rare)

b. Lines at UNI gone.

1842



N-4



OBVERSE: (DRN 3 2 8 6) **Large date with point down to left from nose at eye, another up to left from neck near throat.** Other lighter points on similar angles at nose and neck in early state. Early examples also have fine lines up to right from inner curl and two closely spaced vertical lines joining the inner curl to the main curl close to the neck. Dull point down from main curl over inner curl. Short points up from top of head, strongest one close to the inner hair bun. Sharp early examples also show fine repunching under the crossbar of the 4 right of the upright, but this defect seldom shows. Develops a small lump on the cheek under the eyeball. All the lines and points fade and disappear, the point from the nose even with the eye and the one from the neck near the throat the last to go.

REVERSE: (Same as N-3, earlier) Lines at different angles from dentils over MERIC, strongest single line to right top of M. Dull line to right from leaf tip over E in ONE. Small lumps on top and bottom of E in CENT. All the lines fade and disappear. A small lump forms on the edge of the wreath stem left of the base of C in CENT, but it is not present in the early state. The lumps on E in CENT are always visible.

RARITY 2+ (A dozen seen in mint state; five have a significant amount of mint red remaining, four others have generous traces of mint red remaining visible.)

DIE STATES:

- a. Point from neck and lines at MERI visible. (Scarce)
- b. Lines at MERI gone. Point from neck short and dull.
- c. Point from neck gone.

1842



N-5



OBVERSE: (DRN 5 5 2 5) **Large date. Top of a stray 4 heavily punched into the dentils under left side of the 4.** Fine, short lines up to left from upper half of neck. Fine lines down to right at different angles from the dentils at stars 6-8, others down to left from the dentils right of star 12. The extra points on star 13 are weak but visible. The lines from the neck and dentils fade and disappear, the ones from the neck the last to go. Latest has moderate roughness in the fields, strongest at stars 1-3. The punch in the dentils remains visible, although it is blurry and weaker due to flowlines in the latest state.

REVERSE: Point down to left from base of E in CENT. Fine point from dentil over right side of E in AMERICA. Earliest has very fine die polishing lines up slightly from horizontal at NT in CENT to ERI and dentils above. The fine polishing lines fade quickly; the point over E in AMERICA disappears later. The point from E in CENT weakens but remains visible.

RARITY 3+ (Eight seen in mint state; six of those have a significant amount of mint red remaining. No mint state examples seen in die state **b**. Another half dozen seen in About Uncirculated grades.)

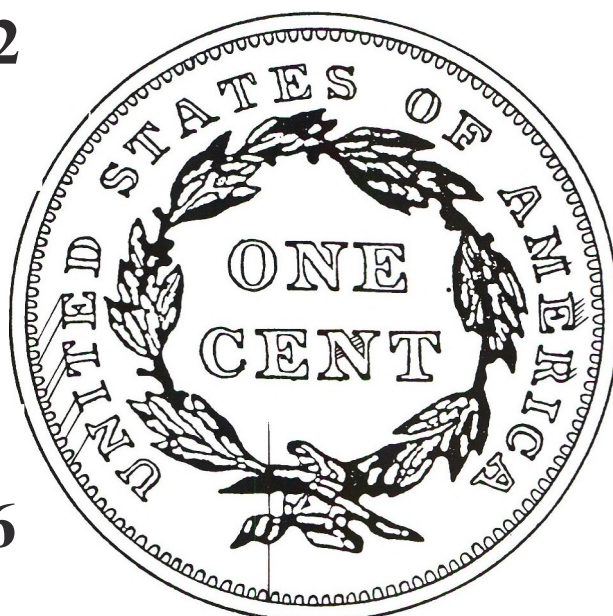
DIE STATES:

- a.** Lines from obverse dentils and neck visible, as is the fine point from the dentils over ER in AMERICA. (Comes with various rotations of the reverse including 170-175 degrees CW, and CCW rotations of 20, 90, and 105-110 degrees. Other rotations probably exist, and all appear to be rare.
- b.** Lines & point gone. Defect in dentils under 4 and point from E in CENT visible. (Scarce)



1842

N-6



OBVERSE: (DRN 6 5 1 6) **Large date. Lump in field left of upper lip, another right of lowest curl at base of neck.** Small lump under left pendant of T, a smaller one under right pendant of that letter. Small hub defect lump under right side of base of 1. Extra points on star 13. Die wear and lapping remove all these defects except for the two lumps at T in LIBERTY, the left lump clearest. In the later die states, tiny rust lumps form on the face and neck, the diagonal of the 4 begins to show fine doubling on its inside edge, and the tip of the nose is drawn into the field.

REVERSE: Fine lines to the left join the tops of NITE to the dentils. Faint, dull lines up to left from the tops of MER, strongest at E. Faint lines inside top of N in CENT. Fine vertical line through wreath and ribbon under E in CENT. Fine point to left from bottom serif of crossbar of E in CENT, close to the crossbar. Small lumps always present on edges of ONE CENT, strongest on left top of O and bottoms of E & N in CENT. All these lines and points fade and disappear, the point from the serif of E the last to go. Develops additional small lumps on the right bottom of C in CENT. Latest has a small, round lump in the field close to the leaf right of the base of E in ONE. (Examples in the latest state with this lump were thought to be a different variety at one time, but they are not. These were called N-10 by Jules Reiver in the attribution aids he prepared in the 1970's.)

RARITY 1 (Two dozen seen in mint state; five of those have a significant amount of mint red remaining, seven others have traces of mint red remaining visible.)

DIE STATES:

- a. Lumps off lip, lowest curl, and under 1 all visible. Lines at NITE clear.
- b. Lump at lip weak, the other 2 lumps gone (the lump under the 1 goes first, then the lump off the curl). Lines at NITE gone. Seen with the reverse rotated 50-55 degrees CCW.
- c. Lump at lip gone (the usual state). Known with a variety of reverse rotations from 50 to 135 degrees CW and from 60 to 160 degrees CCW. Other rotations probably exist, and all appear to be rare.
- d. Lump in field right of E in ONE (Reiver's old N-10). (Note: This variety is difficult to attribute in states c & d and is often confused with N-3 and N-4.)



1842

N-7



OBVERSE: (DRN 8 8 5 7) **Date farther left than on any other 1842 obverse with the point of the curl over the right edge of the upright of the 4.** Lines up to right from inner and main curls, down to right at inner curl, and down to left from the bottom of the inner hair bun. Lines up to left at different angles from upper half of neck. Short line down to right from curl on forehead. Fine lines on left and right of Y. Lump touching hair under right side of star 7. The fields become very rough from flowlines and the die lines fade and most get lost in the roughness. In fact, an example with smooth, new-appearing fields is unknown. The lump on the top of the head and fine lines at Y remain visible. (Note: This obverse is **always** bulged outward slightly in the center resulting in weakness on the hair at the ear. Examples with well struck hairlines at the ear are extremely rare. With experience this variety can be attributed based solely on the bulged appearance of the obverse.)

REVERSE: **Heavy horizontal line under left side of E in AMERICA.** Other lighter lines and points at the M & E, including a few short points up from the top of that E. The lines at M & E fade and most disappear, but the strong line under the left side of E is always visible, although dull and weak in latest state.

RARITY 3+ (A dozen seen in mint state; five of those have a significant amount of mint red remaining. Three others have traces of mint red remaining visible. Ten more seen in About Uncirculated grades.)

DIE STATES:

- a. Line below E sharp. Points from top of E in AMERICA visible. (Scarce)
- b. Line below E dull. Points from top of E in AMERICA gone.

1842



N-8



OBVERSE: (DRN 4 4 5 7) (Same as N-3, earlier) **Large date.** Lines at various angles from dentils under date and at stars 12 & 13, strongest just right of star 13. Small lump on jawline over throat. Extra points on star 13. The lines from the dentils and extra points on star 13 fade and disappear as the die wears and is lapped. The tiny lump on the jawline remains visible, but only on high grade examples. The fields are reflective in the earliest state.

REVERSE: **Sharp point to right from the right top of N in CENT.** Myriad fine lines behind ONE CENT, the strongest of these nearly vertical. Other points from those letters, but none as obvious as the one from the top of the N. All the lines and most of the points are lapped off the die, but a remnant of the strong point from N is always visible. The fields are reflective in earliest state.

RARITY 1 (More than two dozen seen in mint state; five of those have a significant amount of mint red remaining, many others have generous traces of mint red remaining visible. Arguably the 1842 variety most-available in high grade.)

DIE STATES:

a. Lines joining ONE & CENT visible. The earliest state with reflective fields on both sides is extremely rare.

b. Lines joining ONE & CENT gone. Point from right top of E in CENT remains clear. A few in this die state have reflective fields thanks to a fresh die polishing (separate from the die polishing at the start of die state **a.**)



1842

N-9



OBVERSE: (DRN 5 6 2 5) **Large date. Line down to right from middle of main curl.** Early examples have this line extending well into the field with shorter lines at the same angle from the remainder of the main curl. Other lines up to right from the inner curl. Points down to left from bottom of hair bun. Sharp point down to left from throat. Other lighter lines and points at various angles from neck. Horizontal points from mouth. Extra points on star 13. Most of these lines and points remain visible, especially the line or long point down to right from the main curl.

REVERSE: Earliest has fine lines at different angles from the dentils over ER in AMERICA. Small lump on top edge of O in ONE, another in the field right of T in CENT. The lines over ER fade and disappear. A sharp point down to left from the base of N in ONE is added during a lapping in the middle of this marriage. The lumps remain visible, but they are weak.

RARITY 2+ (A dozen seen in mint state; five of those show generous traces of mint red but none seen with a significant amount of mint red still visible. Another half dozen seen in About Uncirculated grades.)

DIE STATES:

a. Fine lines at dentils over ER in AMERICA. Without point from base of N in ONE. (Comes with the reverse rotated 90 degrees CW late in state a; apparently quite rare thus.)

b. Lines over ER gone. Point down from base of N in ONE.

1843 Petite Head

Newcomb No.	Date Reference No.	
Small letters reverse. Hole in ear.		
12	5 4 3 6	
9	6 6 8 6	
Small letters reverse. No hole in ear.		
10, (15)	5 4 2 6	
11	5 4 3 6	
2	5 5 1 6	
8	5 5 2 4	
14	5 4 2 5	Proof Only
3	5 5 3 8	
Large letters reverse (Reverse of 1844)		
4	4 4 2 6	

Varieties Delisted

N-1	Not assigned by Newcomb
N-7	Late state of N-2
N-13	Late state of N-4

1843 Mature Head

Newcomb No.	Date Reference No.
5	1 5 6 7 2 8
(17)	2 5 7 8 1 6
(16)	3 7 5 6 6 7
6	3 8 7 8 6 7



1843

N-2

N-7

inner ear



OBVERSE: (DRN 5 5 1 6) (Same as N-3, earlier) **The inner ear is shaped like a backwards comma or opening quotation mark.** (The other Petite Head obverse dies for 1843 have either a round hole or triangular depression in the center of the ear.) Line down to left from throat. Dull lines close together down to right at chin and tip of nose. Field close under nostril is slightly raised, a result of excessive lapping and die wear in that area. Two long points up to left from bust close to neck. Lumps (the usual hub defects) under right base of 1, at right base of 4, and just left of top ball of the 3, strongest under the 1. Extra points on star 13. All the lines and lumps fade and eventually disappear; the diagonal line at the nose tip, one down to left from the throat, and lump under the 1 remain visible the longest. In the latest state, all the die lines are gone, the tip of the nose is drawn into the field, and the field close under the nostril is raised and covered with horizontal flowlines (Newcomb's #7).

REVERSE: **Spur down to right from base of N in ONE.** Other diagonal lines and points down to right at ON and EN, but the one from the base of N in ONE is strongest. A small rim cud forms very early at UN while these lines and points are still clear, and later another smaller cud forms over the adjacent I. These cuds often do not show, even on high grade examples, due to the narrow rims. The fields become increasingly rough from flowlines while the lines and points are visible. The die was lapped reducing the roughness and removing all the lines and points except for a small remnant of the spur from N in ONE. This spur is gone or reduced to a barely visible lump in the latest state (Newcomb's #7).

RARITY 1 (More than two dozen seen in mint state; seven of those have a significant amount of mint red still visible, many others have traces of mint red showing.)

DIE STATES:

- a. Lump under base of 1 clear. **PHOTO** (Often shows rim cud at UN)
- b. Lump under 1 gone. Dull spur from N in ONE weak but visible. The spur shows as a small lump late in state b.
- c. Spur from base of N in ONE is gone (Newcomb's #7). (Very Scarce)

1843



N-3

inner ear



OBVERSE: (DRN 5 5 3 8) (Same as N-2, later, lapped) **The inner ear is shaped like a backwards comma or opening quotation mark.** Dull horizontal line close under nostril, a remnant of the strong flowlines seen on the late state of N-2. The profile is drawn into the field and the entire die is well worn. The line under the nostril fades and is gone in the latest state.

REVERSE: (Same as N-15, earlier) **Point up to right from right top of O in ONE.** Lines at various angles over ER in AMERICA. These lines fade and disappear; the point from O weakens but remains visible. A rather strong lump on right top of E in CENT forms very early while the lines at ER are clear.

RARITY 3+ (Six seen in mint state; three of those have a significant amount of mint red remaining, three others have traces of mint red still visible. Another half dozen seen in About Uncirculated grades. No mint state examples seen in die state a.)

DIE STATES:

- a. Lines over ER clear. Without lump on top of E in CENT. (Very Rare)
- b. Lines over ER visible, although often weak. Point from O clear. Lump on top of E in CENT.
- c. Lines over ER gone. Point from O is weak but visible. Lump on top of E in CENT.



1843

N-4
N-13



OBVERSE: (DRN 4 4 2 6) Hole in ear. Lump from hub defects under right base of 1. Lines to left from dentils right of star 12, the strongest ones reaching that star. The fields become slightly rough from flowlines and a rim cud forms under the 1 while the lump and lines are still visible, although weak. Lapping then smooths the fields while removing the lump and lines (Newcomb's #13). This lapping leaves a sharp point on the curl over the 4 and noticeably decreases the depth of field. The lapping weakens the rim cud and it often does not show in the later die states, even on high grade examples. The die gradually sinks causing a buildup around the stars and dentils.

REVERSE: Reverse of 1844, which is diagnostic when paired with a Petite Head obverse. Two large points up to right from the left top of N in ONE; other smaller points at similar angle from tops of ONE CENT in earliest state. Strong line up to right through right top of T in CENT. The weaker points fade and disappear as the die wears and becomes slightly rough from flowlines. Lapping then smooths the fields and removes all the lines and points except for tiny remnants of the two strong points on top of the N in ONE (Newcomb's #13). The lapping left a strong, dull line extending the point of the leaf under I in UNITED. The lapping also severely weakened NITED, and the tops of those letters fade even more as the die continues to wear. In the latest state, the remnants of the points from N in ONE are gone.

RARITY 1 (More than 50 seen in mint state; more than a dozen have a significant amount of mint red remaining. This variety was saved in larger than usual numbers for obvious reasons. Most of the mint state examples are in die states **a** & **d**.)

DIE STATES:

- a.** Lump under right base of 1. Lines from dentils to star 12.
- b.** Lump under base of 1 dull but visible. Lines right of star 12 very weak. Rim cud under 1.
- c.** Lump under 1 and lines at star 12 gone. Line under right top of T in CENT still visible. Points on left top of N in ONE clear. Rim cud under 1 may be visible. Point down from curl over 4.
- d.** Both dies lapped. Obverse lump and lines gone. Line under right top of T in CENT is gone. Points from top of N in ONE gone or nearly so. Sharp point on curl over 4. The rim cud under 1 may not show, even on choice examples. (Newcomb's #13)

1843



N-5



OBVERSE: (DRN 1 5 6 7 2 8) **Mature Head. Dull spike down to right through top of inner curl.** Dull line up to right from right side of Y. Earliest shows fine doubling on the bottom of the 1. Early examples have fine lines down to right in the fields, strongest up from the hair buns. The lapping lines fade and disappear as the die wears. A subsequent lapping adds a vertical line at the tip of the inner curl, but this also fades and disappears. The spike through the top of the inner curl becomes dull but remains visible. Latest has a small rim cud break at star 5. (Note: This obverse can be confused with N-17. On N-5 the distance from the left end of the base of the 1 to the dentils below is twice the distance from the top of that 1 to the bust above. In other words, the 1 is closer to the bust than the dentils on N-5; on N-17 the 1 is closer to the dentils than the bust.)

REVERSE: Lines down to right from dentils to MER. These lines fade and nearly disappear remaining visible only between the dentils in the latest state. Lapping during the marriage leaves fine vertical lines in the fields, strongest down from the left top of the E in ONE, left top of E in CENT, and right top of N in CENT. These lines fade and disappear but are still visible when the rim cud at star 5 forms.

RARITY 1 (Ten seen in mint state; four have a significant amount of mint red remaining, three more show traces of mint red. A dozen more seen in About Uncirculated grades. Only one mint state example seen in die state **d**.)

DIE STATES:

- a. Lines at MER sharp. May show fine doubling on the base of the 1.
- b. Lines at MER blurry but visible.
- c. Lines at MER gone (visible only between the dentils).
- d. Small rim cud at star 5. (Scarce)

1843



N-6



OBVERSE: (DRN 3 8 7 8 6 7) **Mature Head. 18 repunched, clearest at the bases.** Lines and points up to left from neck, the upper line reaching the jaw at the throat. Point down to left from underside of chin. Fine lines at inner curl and one down to right from junction of main curl and inner hair bun; another down to right from top of outer hair bun. The repunching at 18 fades and is weak and blurry late. Develops a thin rim break at star 13 while the repunching is still clear. Another thin rim break forms at star 5 while the repunching is weak, but this cud often does not show due to its small size. Latest has long points added from the dentils at star 3.

REVERSE: Many nearly horizontal points up from the right sides of ENT in CENT, the wreath stem right of that T, and the tops of ER in AMERICA. Fine lines join the tops of UNI to the dentils above, strongest at the N. All the lines and points fade and are gone in the latest state.

RARITY 1 (Twenty seen in mint state; nine of those have a significant amount of mint red remaining, several more show traces of mint red. No mint state examples seen in die state **d**.)

DIE STATES:

- a.** Repunching at 18 sharp. Reverse lines and points clear. (Scarce)
- b.** Repunching at 18 clear. Reverse lines and points visible but weaker. Rim break at star 13.
- c.** Repunching at 18 weak. Reverse lines and points weak. Thin rim break at star 5. **PHOTO**
- d.** Repunching at 18 very weak. Reverse lines and points gone. Points added from dentils at star 3. Rim cuds may not show due to centering. (Rare)
- e.** Repunching below 1 gone, repunching below 8 weak but visible. Tiny lump up from right end of cud at star 13. (Unique) **PHOTO**



1843

N-8



OBVERSE: (DRN 5 5 2 4) **184 repunched** showing clearest as two extra lines below base of 1 and point up from upper serif of crossbar of 4. **Heavy lines down to right from dentils at stars 6-7.** Point to right from star 6. Fine line up to right from top of inner curl. Extra points on star 13. Some crumbling over the ball of the 3. The die continues to crumble, eventually involving most of the stars and joining the nose tip to the upper lip. The bust and neck become very rough from flowlines. The repunching on 184 and lines over stars 6-7 remain visible.

REVERSE: **Points up inside bottom of O in ONE.** Other points down to right from base of N in ONE and up from top of C in CENT. These points fade but remain visible as the die wears, clearest inside the O in ONE. Some have the leaves under C in CENT weak due to a clogged die, but this is repaired during the marriage. Earliest has reflective fields and fine lapping lines down slightly to right of vertical covering the field inside the wreath, but these fade quickly as the reflectivity fades.

RARITY 3 (Seven seen in mint state; a couple of those have a significant amount of mint red remaining, four others have traces of mint red still visible. A half dozen seen in About Uncirculated grades.)

DIE STATES:

- a.** No crumbling under tip of nose. Fine line from top of inner curl.
- b.** Crumbling joins tip of nose to upper lip. Line at inner curl gone. Some show narrow rim cuds at stars 9 & 11, but their visibility depends on wear and strike centering.



1843

N-9



OBVERSE: (DRN 6 6 8 6) **Hole in ear. Bottoms of 843 repunched, clearest below crossbar and base of 4.** These digits are triple punched, but the multiple punching is difficult to see on worn or later die state examples. Lump (hub defect) below right base of 1. Short lines or long points from many of the dentils, strongest ones shown on diagram. Many tiny points and light lines at various angles in field along profile and top of head. Extra points on star 13. Earliest has fine lapping lines down slightly to right covering the fields, strongest at stars 3-8. These lapping lines fade and disappear early; the other lines and points fade and most disappear later. The lump under the 1 is gone in the latest state. The repunching on 184 becomes blurry but remains visible, especially on the 4. Develops several rim cuds, strongest over star 6 and right of star 11. However, some of these cuds may not show, even on the latest examples, due to the narrow rims and strike centering. Therefore a sequencing of these cuds is difficult to determine.

REVERSE: Lines from dentils over MERICA; lighter ones over IT, ST, and TE(S). Line down to right inside E in ONE emerges from the right bottom of that letter. Early examples have short points down from the bases of EN in CENT. All lines and points fade and disappear, the one inside the E in ONE the last to go. Latest has a small rim cud break over U, but this may not show due to the narrow rim and centering of the strike.

RARITY 2+ (Eight seen in mint state; two of those show a significant amount of mint red, five others have traces of mint red remaining visible. A dozen seen in About Uncirculated grades.)

DIE STATES:

- a. Date repunching and die lines sharp. Lump under right foot of 1 clear. Develops narrow rim cuds at stars 8-10 while the date repunching and die lines are still clear.
- b. Date repunching clear. Lump under right foot of 1 weak but visible. Various rim cuds on obverse, strongest at stars 6-7 and star 11. Lines over MERICA weak but visible. Points from bases of E & N in CENT gone.
- c. Lump under right foot of 1 gone. Lines over MERICA gone. Obverse rim cuds (may not show). Rim cud break over UN (may not show). **PHOTO**

1843



N-10



OBVERSE: (DRN 5 4 2 6) (Same as N-15, later, lapped) The details are weak and blurry, typical of a well-worn die. The profile is drawn into the field. The die lines seen on N-15 are gone.

REVERSE: Sharp, thin point down from right pendant of N in CENT close to the upright. Dull lump on top of E in CENT, and the early state has a fine point up to left from this lump. Short points down to right from the right bases of E & N in CENT. Short point up from right top of O in ONE. Two fine diagonal lines inside bottom of E in ONE. Small lump close under left foot of N in CENT. Earliest has fine lapping lines down slightly to right of vertical inside the wreath, others down to right over TATES, but these fade quickly. Develops roughness and flowlines through the legend. Most of the lines and points fade and disappear, but the vertical point down from the right top of N in CENT remains visible. An additional tiny lump develops southeast of the initial lump under N in CENT.

RARITY 3 (A half dozen seen in mint state; three of those have a significant amount of mint red remaining, three others have traces of mint red still visible. Six seen in About Uncirculated grades, a dozen in Extremely Fine grades. Most of the mint state examples are in die state **a**.)

DIE STATES:

- a.** Point up to left from top of E in CENT. Single lump below N in CENT. Some show a narrow rim cud over NI in UNITED but this fades as the die wears.
- b.** Point up from top of E in CENT gone (only the lump remains). Two lumps under N in CENT. None in state **b** seen with the narrow rim cud over NI.



1843

N-11



OBVERSE: (DRN 5 4 3 6) The 8 & 4 are repunched, but the offset is too small to diagram. The repunching shows clearest at the center of the 8 and on the crossbar and base of the 4. Short point down to right from upper part of main curl near inner bun. Tiny points up to left from left tops of R & T, another to right from the upright of that T. Curved lines to left from earlobe. Sharp examples show a small lump near the middle of the neck. Something creates a strong rectangular depression between the inner and main curls early in the marriage. The fields become rough and flowlined and the point from the main curl disappears. The repunching on the 8 & 4 weakens but remains visible, as do the other lines and points.

REVERSE: Lumps on left side of E in CENT (usually). Small lump in field close below center of N in ONE. Nearly always has some lumps on left sides of C & E in CENT and on the top and bottom of E in ONE. Early examples also have parallel lines at the dentils over STAT. These lines fade and disappear, as does the lump under the N in ONE, and a bisecting crack develops. The crack first appears from the dentils through I in AMERICA and the wreath to the top of T in CENT. Later a crack passes from the dentils at the first S in STATES through the wreath and base of O in ONE to the tops of NT in CENT where it joins the earlier crack. This crack is always strongest at the I in AMERICA, weakest inside the wreath.

RARITY 2- (More than a dozen seen in mint state; four have a significant amount of mint red remaining, five others have traces of mint red remaining visible. A dozen seen in About Uncirculated grades.)

DIE STATES:

- a. Without the rectangular depression over the inner curl. Reverse uncracked. (Scarce) A few in the earliest state do not have lumps on the left side of E in CENT. (Extremely Rare)
- b. Rectangular depression over inner curl. Reverse uncracked.
- c. Reverse cracked from dentils through I to top of T in CENT (strongest at I).
- d. Bisecting crack on reverse, strongest at I in AMERICA (faint inside the wreath). (Scarce)



1843

N-12



OBVERSE: (DRN 5 4 3 6) **Hole in ear. Strong line down to left from center of neck.** Lines at various angles from main and inner curls; others from neck, bust, and throat. Points up to left from nose near brow. Extra points on star 13. The lines and points are very sharp early and the fields are smooth and reflective. Most of the lines and points fade and disappear as the die wears, but the long line from the center of the neck remains visible as a strong point in the latest state.

REVERSE: Early examples have sharp lines at NI in UNITED and ERIC in AMERICA, strongest inside the N in UNITED. Lines down to right inside ER in AMERICA. Points inside E in UNITED, other smaller ones at E in ONE and CE in CENT. The lines and points fade and most disappear as the die wears and minor roughness develops outside the wreath, but faint remnants of the lines inside N in UNITED remain visible, as does the point inside the bottom of that E. A series of rim cud occur from the ribbon tip to over UNIT (see below for the sequencing of these cuds). Although the rim is narrow, these cuds are relatively strong and show more consistently than most of the rim cuds on Petite Head cents. Strike doubling frequently seen at UNITED and the bottom of the wreath.

RARITY 2 (R8 as a proof) (Two dozen business strikes seen in mint state; eight of those have a significant amount of mint red remaining, several more have traces of mint red still visible. Most of the mint state examples are in die state **a.**)

DIE STATES:

- a.** Lines over ERIC sharp. (Proof and early business strikes)
- b.** Lines over ERIC weak, nearly gone. Small rim cud at U. (Scarce)
- c.** Lines over ERIC gone. Rim cuds at U & NIT. One seen with a shallow retained cud over left top of T **before** the cud at NI. (Extremely Rare) **PHOTO**
- c/d.** Additional tiny rim cud two-thirds of the way between U and end of ribbon. (Unique)
- d.** Cud at U extends two-thirds of the way to the ribbon tip. (Extremely Rare) **PHOTO**
- e.** Cud extends from U to under ribbon tip (Very Rare) **PHOTO**
- f.** Additional small cud over right side of T in UNITED (Extremely Rare) **PHOTO**



OBVERSE: (DRN 5 5 2 5) **Proof only.** Extra points on star 13. Short point down slightly to left from throat, other smaller ones down to left from earlobe.

REVERSE: Many short points in various directions from ONE CENT, strongest down from bases of both E's. Short, irregular lines down from dentils over ER in AMERICA.

RARITY 6+

DIE STATES: All as above.

Note: Most examples are well struck with reflective fields. However, two weakly struck examples are known, and one has strong double and triple outlines at stars 9-11.

Additional note: The proof described by Breen as B-19 (N-18) apparently does not exist. His notes inadvertently linked the obverse of N-14 with the reverse of N-12, which also was struck in proof. The die mating Breen described was not among the proof cents in the collection he cited, but proof examples of N-12 and N-14 were present.

1843



(N-15)



OBVERSE: (DRN 5 4 2 6) (Same as N-10, earlier) **Nearly vertical lines from inner curl to main curl, strongest line up from the tip of the inner curl.** These lines are crossed by lighter lines up to right from the inner and main curls. Short lines down to right from bottom of inner bun. Short lines down to left from throat and upper portion of neck. Extra points on star 13. The lines from the throat and neck fade and disappear, but the strong ones up from the inner curl remain visible, especially the one up from the tip of the inner curl.

REVERSE: (Same as N-3, later) **Relatively strong lump on right top of E in CENT.** Earliest has a fine lapping line joining the right top of N in ONE to its upright, but this line fades and disappears rather quickly. The legend is weak, especially at STATES OF. The lump on top of E in CENT is always visible.

RARITY 2+ (Seven seen in mint state; two have a significant amount of mint red remaining, three others have traces of mint red still visible. A half dozen seen in About Uncirculated grades, a half dozen more in Extremely Fine grades.)

DIE STATES:

- a.** Fine diagonal line at right top of N in ONE. Lines at inner curl are sharp. (Scarce)
- b.** Line at N in ONE is gone; lines at inner curl weaker but still visible.

1843



(N-16)



OBVERSE: (DRN 3 7 5 6 6 7) **Mature Head.** Points from dentils at stars 2, 4, 6, & 8, strongest at stars 4 & 6. These points fade slightly but remain visible as microscopic flowlines develop in the fields. **Without** repunching on the bottoms of the 1 & 8 (see N-6). Sometimes comes with very shallow low spots in the fields (caused by debris on the die).

REVERSE: Points up to right from junction of ribbon loops below EN in CENT. Points up from inside bottom of O in ONE and tops of ENT in CENT. Strong point to right from upper right serif of E in CENT. Two points up to right from right foot of T in CENT; others at same angle from leaf below. Points and lines at MERIC, as shown. Strong point from leaf below U. Line down to right inside bottom of E in UNITED. Other minor points and lines visible on choice examples. The lines and points remain visible as the die develops only faint flowlines during what must have been a relatively short marriage.

RARITY 4 (Five seen in mint state; two of those have a significant amount of mint red remaining, one other has traces of mint red still visible. Three more seen in About Uncirculated grades, one in Extremely Fine and a dozen others in Very Fine grades.)

DIE STATES: All as above.

1843



(N-17)



OBVERSE: (DRN 2 5 7 8 1 6) **Mature Head.** Point down to right from main curl over inner curl, another from main curl near inner bun. Other lighter points down to right from main curl, buns, and throat. Bottom outside edge of 8 delicately repunched. Earliest has fine polishing lines down to right covering the fields. Short lines up from dentils under 43; others from dentils at stars 1-2, star 7, and over star 10. The fine lapping lines fade and disappear but the rest of the lines and points remain visible during this short marriage. Only a few high-grade examples are known, and all of these have some strike weakness on the hair over the ear. Sometimes confused with the more common N-5. On N-17, the left end of the base of the 1 is closer to the dentils than the top of the 1 is to the bust. This relationship is reversed on N-5. See N-5.

REVERSE: (Same as N-3 of 1844, earlier) **Two points down to right from left base of N in ONE.** Dull lines down from spaces between dentils over STATES, strongest at TA. Point up to left from left top of N in ONE. The lines and points fade only slightly during this brief marriage.

RARITY 5- (A single example seen in mint state, and it has a significant amount of mint red remaining visible. One seen in Extremely Fine, eleven more in Very Fine grades. The lone mint state coin, Naftzger:670, PCGS MS64RB, brought \$25,300 in that 9/7/2009 Goldberg auction.)

DIE STATES: All as above.

Note: The dentils on N-17 are always strong and crisply defined on both sides, while the dentils on N-5 are weaker, especially on the upper reverse. With some practice you quickly can differentiate between the two by comparing the dentils on the upper reverse.

1844

Newcomb No.	Date	Reference No.
1		1 4 6 6 5 7
2		1 5 8 6 3 5
(8)		3 7 8 8 7 5 Proof Only
5		3 8 7 6 7 5
3		4 6 7 6 1 6
6,7		4 8 4 6 3 7
4		4 8 9 6 1 5

1844



N-1



OBVERSE: (DRN 1 4 6 6 5 7) **Nearly horizontal line just right of base of 1.** Lighter line extends to left from base of 1. Two small, rectangular lumps on tip of bust, the upper lump stronger. All but the earliest strikes have several small rim cuds under the date reaching to below the adjacent stars, but these breaks often do not show due to a slight shift in die alignment that leaves a narrow rim in that area. A very fine, irregular crack occurs very early from star 7 to star 11, strongest around star 10. Latest also has a small lump just below the inner point of star 4. The repunching at the base of 1 fades and is barely visible in the latest state. The stronger lump on the bust tip remains clear. In the later die states the rims are slightly beveled and the rim cuds are weak or missing.

REVERSE: Tiny points to left from left sides of C & E in CENT, left base of E in UNITED, and wreath below ED. These points fade but remain visible, the one from the stem under I in UNITED clearest. Earliest has fine lapping lines down to right in the fields, strongest at UNIT and ERIC, but these fade quickly. A fine crack develops through the tops of UN to the dentils off the ribbon tip.

RARITY 1 (One and a half dozen seen in mint state; five of those show a significant amount of mint red, seven others have traces of mint red still visible. Only one mint state example seen in die state a.)

DIE STATES:

- a. Without cracks or rim cuds. Fields are smooth and reflective. (Very Rare) (Note: At least two examples in this state have been certified by PCGS as proof strikes. Their fields are nicely reflective but their proof status is questionable. These two pieces and the earliest business strikes have star 13 poorly struck with incomplete radial lines.)
- b. Tiny rim cuds under 184. Both dies uncracked. (Fields often slightly reflective) (Scarce)
- c. Tiny rim cuds under date and adjacent stars, the one under star 13 the last to form.
Obverse faintly cracked at stars 9 & 10. Reverse uncracked. **PHOTO**
- d. Cracked through UN to dentils. (The rim cuds seldom show due to slightly beveled rims.)
- e. Small round lump close under inner point of star 4. Crack from star 8 reaches star 7. (Scarce)



1844

N-2



OBVERSE: (DRN 1 5 8 6 3 5) **44 over 81** (Actually 844 over inverted 184 where date was first punched upside down, then corrected.) The undertype is strongest at the right top of the first 4. Earliest has fine points up to left from neck at throat. Points down slightly to right from main curl and a line reaching the tip of the inner curl. Other fine points up to right from main curl close under inner bun. The fine points fade and disappear but the other defects remain visible, especially the repunching at the date. **The coronet over LI and hair over the ear are usually softly struck.** Well struck examples are extremely rare. A fully struck example is unknown.

REVERSE: Two short, fine lines up to right close over berry left of top of O in ONE. Earliest has a dull point to left from inside the right curve of the O in ONE and left side of E in CENT. These dull points fade and disappear. One of the two lines over the berry left of O in ONE remains visible.

RARITY 2 (Nine seen in mint state; four of those have a significant amount of mint red remaining, one other has traces of mint red still visible. Ten more seen in About Uncirculated grades, another dozen in Extremely Fine grades)

DIE STATES:

- a. Dull points at O in ONE and E in CENT visible.
- b. Points at O & E gone.

1844



N-3



OBVERSE: (DRN 4 6 7 6 1 6) **Repunching at left bases of 1 & 8.** Short lines down to right from dentils at stars 3-7 and up to left from dentils under star 13. A fine crack occurs through star 2 while the repunching at 18 and most of the points from the dentils are still clear. Tiny rim cuds form at star 8 nearly to star 9, later extending left to over star 7. Subsequent lapping removes the points and repunching. Latest has a large, strong rim cud from star 9 down nearly to star 11. **Usually comes weakly struck at the top of the ear.**

REVERSE: (Same as N-17 of 1843, later) **Two short points down to right from left base of N in ONE.** Nearly always cracked from center of N in UNITED through tops of ITED, another from rim over A to tops of ME, and one from rim over left side of D down through E in UNITED along wreath to bottom of O in OF. Additional cracks form later, some of which are very fine, the latest seen shown on diagram. Later states also have a dull line or wave in the die from the left top of M to the dentils over the adjacent A and a parallel one through the right top of F to the foot of the adjacent A. The points from the base of N in ONE are weaker but still visible in latest state.

RARITY 2 (Twenty seen in mint state; four of those have a significant amount of mint red remaining, eight others have traces of mint red still visible. Eight of the mint state examples are in die state e, none seen in die state a.)

DIE STATES:

a. Reverse uncracked (Extremely Rare)

b. Repunching at 18 strong. Reverse cracked NITED, wreath, OF, ME, and at RICA to rim under stem tip. Final crack is from CA to the stem. No rim cuds.

c. Repunching at 18 visible. Tiny rim breaks stars 7-9 (8-9 is first). Fine die crack forms through top of STATE **after** the narrow rim cuds occur.

d. Repunching at 18 gone.

d/e. Strong die crack forms on rim outlining the terminal cud from star 9 to star 11. (Extremely Rare) **PHOTO**

e. Large rim cud from star 9 down nearly to star 11. (Very Scarce) **PHOTO**



1844

N-4



OBVERSE: (DRN 4 8 9 6 1 5) **Date obviously high on right end, lower on left.** Very fine lines at LIBERTY visible on higher grade examples. These lines fade and disappear. Develops a small rim cud break over star 5 which is followed by smaller ones down to star 4. The die is then lapped leaving fine lines down to right of vertical in reflective fields. The fields quickly lose their reflectivity as the die continues to wear.

REVERSE: Earliest is uncracked with small points up to right at ON in ONE, E in CENT, and from the berry left of that C, strongest inside the bottom of O. Small lumps on right side of O in ONE and on left side of E in CENT. Nearly always comes with a fine crack through top of UNITED not extending from either end. Develops additional fine cracks from U and D to dentils, another from dentils to top of N in UNITED, a faint one through top of F in OF, and a final one through top of MERI. The points fade and disappear but the lumps at O & E remain visible. Often seen with the reverse slightly rotated 15-25 degrees clockwise relative to the normal head-to-foot die orientation.

RARITY 1+ (Twenty seen in mint state; eight of those have a significant amount of mint red remaining, six more have traces of mint red remaining visible. Only one mint state example seen in die state a.)

DIE STATES:

- a. Reverse uncracked (Extremely Rare)
- b. Fine crack through top of UNITED.
- c. Tiny rim cuds at stars 4 & 5. Fine crack from UNITED to dentils and sometimes an additional faint crack at the F in OF. **PHOTO**
- d. Cracked through top of MERI. (Seen with the second 4 weak due to a die clog.)



1844

N-5



OBVERSE: (DRN 3 8 7 6 7 5) **First 4 obviously repunched above.** Weaker repunching over diagonal and crossbar of first 4 and on upright of second 4 over the crossbar. Vertical lines join inner and main curls. Fine lines parallel to neck join bust to throat. The repunching over the first 4 remains clear as the other defects fade. Latest has a strong rim cud break from 18 to star 1.

REVERSE: Points up slightly to left from tops of NT in CENT, others to right and down from that E. Points down to right from stem left of C in CENT. Other weaker points down from ON in ONE and inside wreath in earliest state. These points fade and disappear as cracks develop from dentils through tops of UNITED and ST, later from dentils through top of ME. A round lump can be seen on the rim over R in AMERICA on higher grade examples. Later examples also have a lump on the body of the leaf over the right edge of E in ONE.

RARITY 1 (One dozen seen in mint state; five of those have a significant amount of mint red remaining, three others have traces of mint red still visible. Many seen in About Uncirculated grades. Three of the mint state pieces are in die state **d** but none seen in die state **a**.)

DIE STATES:

- a.** Reverse uncracked. (Rare)
- b.** Crack through tops of UNITED and ST (the ST crack often is very faint).
- c.** Cracked through ME.
- d.** Rim break from 18 to star 1. (Very Scarce) **PHOTO**

1844



N-6



OBVERSE: (DRN 4 8 4 6 3 7) (Same as N-7, earlier) **Lines up to left at slightly different angles from neck to jaw.** Lighter extensions of these lines from chin, lips, and nose. Short lines to right from dentils under bust tip; others down from dentils at star 10. Crisscrossed lines at dentil tips under star 13. Low spots form in the field between stars 1-4 and right of star 12. Lapping repairs the low spots and removes the lines and points except for some lines up to left from the upper part of the neck. This lapping left behind fine lines down to right in the fields, strongest at chin and up from left base of the 1, but these lines also fade and disappear. In the latest state, only a few faint lines remain at the throat. **Nearly always comes softly struck on the tip of the coronet over LIB, at the top of the ear, and on the hair just above the ear.**

REVERSE: Earliest is nearly perfect, but the relief is very shallow (especially on the upper half) indicating it may have been used in an earlier marriage and heavily lapped prior to this mating. Small lump on right side of O in ONE and a short point up to right from top of E in CENT. The point from E fades and disappears. Fine die cracks develop: from dentils through tops of MER, from leaves to base of that R, another down through the second S in STATES to the wreath where it joins the earlier crack at the base of R, and a final one through the top of UNITED to the dentils. Lapping after these cracks occur adds a short point up to right from top of T in UNITED.

RARITY 3 (A half dozen seen in mint state; two show a substantial amount of mint red, one other piece has traces of mint red still visible. Eight seen in About Uncirculated grades, six more in Extremely Fine grades. The poor strike at the ear makes grading mint state pieces difficult.)

DIE STATES:

- a. Reverse uncracked. Lines at neck and jaw sharp.
- b. Cracks at MER and wreath to base of R.
- c. Cracked through second S in STATES to wreath joining earlier crack to base of R.
- d. Crack through top of UNITED.
- e. Obverse is lapped removing all lines except for remnants of ones at throat.

1844



N-7

OBVERSE: (DRN 4 8 4 6 3 7) (Same as N-6, later) Numerals in date appear heavily punched at top and bottom, weaker in centers. Second 4 has fine doubling above its crossbar. Lines at throat (as seen in N-6 marriage) are gone. Develops a small lump in the field touching the bottom of the main curl. Latest has a rim cud break at star 1.

REVERSE: Lines and points up to right at C in CENT and wreath at left reaching to NI in UNITED, strongest at berry left of C. Other points at NITE and around berry left of O in ONE. These lines and points fade slightly but the strong ones at the berry left of C remain clear.

RARITY 2+ (Ten seen in mint state; one of those has a significant amount of mint red remaining, four others have traces of mint red still visible. Ten more seen in About Uncirculated grades. Four of the mint state examples are in die state **c**, none in state **b**.)

DIE STATES:

- a.** Obverse perfect. (The usual state)
- b.** Small round lump touches bottom of main curl. (Scarce)
- c.** Rim cud break at star 1. (Very Scarce) *PHOTO*

1844



(N-8)

PROOF ONLY



OBVERSE: (DRN 3 7 8 8 7 5) **Proof only.** Points up from dentils at stars 1-2, strongest single point left of star 1. Strong point to left from bust tip. Crescent-shaped lump or thick line on bust over 8. (The point and lump on the bust appear to be from a grossly misplaced 18.) Short point up from hair between stars 6 & 7. The die usually seen misaligned slightly with the rim wide at the top right and narrow at the lower left.

REVERSE: (Same as several of the proof-only varieties of 1845-49.) **Irregular die scratch on rim at TED.** Otherwise perfect. The die was heavily lapped and the depth of field is relatively shallow.

RARITY 6+

DIE STATES: All as above.

Note: Since this reverse die was exclusively used to produce proof-only strikes of 1844-1849 cents and the die state never varies, it is logical to assume the proofs that use this reverse were struck after the date they carry. In fact, it is quite possible (perhaps probable) these 1844-1849 proof-only varieties (and possibly a few others) were struck for collectors after normal large cent production had ceased altogether.

1845

Newcomb No.	Date Reference No.
1	1 1 6 7 7 9
7	1 4 8 9 7 4
3, 12, 11	2 5 6 7 1 6
2	2 5 8 9 2 4
4	2 6 5 6 8 7
9, 13	2 6 8 9 1 5
6	2 7 8 8 8 8
5	3 6 5 7 7 7
(15), 10	3 7 6 8 7 6
8	3 7 8 9 8 5
14	5 0 8 9 1 5 Proof Only

1845



N-1



OBVERSE: (DRN 1 1 6 7 7 9) **Point of curl left of center of 8, which is diagnostic.** Fine, short lines at various angles up from dentils under star 1. Lapping removes the lines at the dentils and leaves fine polishing lines down to right in the fields, strongest through star 4 and at the tip of the nose, but these also fade and disappear. LIB often softly impressed, although the coronet above is usually strong.

REVERSE: Strong points down from ONE CENT, strongest from bottom of O, right top of N, and bottom of E in ONE; others inside top and from bottom of C and left top of E in CENT. Fine lines down to right from dentils to tops of F-A. These lines fade and disappear but the strong points remain clear. Some seen with strike doubling on left sides of S-OF and tops of MERICA.

RARITY 4 (A single example seen in mint state, and it has a significant amount of mint red remaining. Four more seen in About Uncirculated grades, ten in Extremely Fine grades.)

DIE STATES:

- a. Lines at dentils under star 1. (Seen with the numeral 4 weak from a clog in the die.)
- b. Lines at dentils gone. (Seen with star 13 weak from a die clog.)



1845

N-2



OBVERSE: (DRN 2 5 8 9 2 4) **Heavy line down to right in space right of Y.** Other smaller lines above the strong line. Short point to left from bottom of lower lip. Medium-sized lump in field nearly touching center of main curl. The point from the lip fades and disappears but lump and die lines remain visible.

REVERSE: Fine lines join left foot of second A in AMERICA to leaf below. Flat lump in field over N in ONE. The lines joining the A to the leaf fade and disappear and the lump over N gradually fades away. Strike doubling sometimes seen on tops of ERIC.

RARITY 1 (Fifteen seen in mint state; only one has a significant amount of mint red remaining, six more have traces of mint red still visible. None of the mint state examples is in die state **b**.)

DIE STATES:

a. Lines at A and lump over N clear.

b. Lines at A gone. Lump over N faint or missing. (Seen with clogging that weakens the 8 & 4 and the lower part of the bust and neck.)

Note: Breen lists a questionable proof example of this variety. None has been verified and the existence of a proof strike of N-2 is highly doubtful.

1845



N-3



OBVERSE: (DRN 2 5 6 7 1 6) (Same as N-12 & 11, earlier) **Vertical lines at TY.** Fine lines up to left from neck, some reaching chin and a couple passing through to below the lower lip. Short line to right from dentils under star 1. Line up to right inside dentils under star 13. Most early strikes have fine lines down slightly to right of horizontal joining the lowest curl to star 13 and fine die polishing lines down to right covering the fields, clearest behind the head. The fine lapping lines and stronger lines at star 13 disappear early; the lines at the neck fade slightly but remain visible. The vertical lines at TY remain clear.

REVERSE: (Same as N-10, earlier) **Line joins left top of M to dentils; another joins top of adjacent E to dentils but at a slightly different angle.** Lines down to right from dentils to UN, strongest to N. Short spike down to left from dentils over left side of C in AMERICA. Small lump on right end of base of E in CENT. Develops cracks, first through UNIT to dentils at either side, then a faint one through top of OF to dentils at right, and a final one at ED-ST.

RARITY 4 (Three seen in mint state, and only one has a significant amount of mint red remaining visible. All three are in die state **a**. Six others seen in About Uncirculated grades, ten in Extremely Fine grades.)

DIE STATES:

a. Reverse uncracked. (In the earliest state the fields are reflective and the strong lines at star 13 are not present.)

b. Cracked through top of UNIT to dentils at either end. The crack begins over the E and may not show at the U at first. (Seen with a large low spot covering the face and bust tip.)

c. Faint crack through top of OF to dentils at right.

d. Cracked from dentils over E through tops of ED-ST. (Scarce)



1845

N-4



OBVERSE: (DRN 2 6 5 6 8 7) **Underside of top of 5 repunched.** Parallel lines down to right under star 1. Fine parallel lines in space right of Y. The lines under star 1 fade and disappear but the ones at Y remain clear. The repunching on the top of the 5 weakens but remains visible on sharp examples. The LI and TY are sometimes weak due to minor die clogging.

REVERSE: **Strong, short vertical line down from leaf over left edge of O in ONE.** Many vertical lines behind ONE CENT, strongest at CE and wreath at left. Sharp line down to left from dentils over left top of R in AMERICA. Develops cracks rather early, first from TED to dentils at right, then through tops of ST, TES, UNI, and finally MER. The lines and points at ONE CENT fade but the stronger ones remain visible, especially the vertical line from the leaf over the left top of O in ONE. Frequently seen with traces of strike doubling.

RARITY 1 (Thirty seen in mint state; eleven of those have a significant amount of mint red remaining, many more with traces of mint red still visible. Only one mint state example seen in die state e. Clearly the 1845 variety that is the easiest to find in mint state, and most come sharply struck.)

DIE STATES:

- a. Reverse uncracked.
- b. Cracked through TED to dentils at right.
- c. Cracked at ST and TES to dentils. (The ST crack is often very faint. Sharp examples may show a small lump on the rim over the left side of star 8.)
- d. Cracked through UNI to dentils at left.
- e. Cracked at MER to dentils on either side. (Scarce)

1845



N-5



OBVERSE: (DRN 3 6 5 7 7 7) **The 8 and 4 actually touch.** Earliest has reflective fields and two tiny points down to right from main curl, but the reflectivity fades and the points disappear after a crack forms through star 2 to near the adjacent stars. LI in LIBERTY often weak.

REVERSE: **Strong crumbling or lump in center of E in CENT (diagnostic).** Lump on left base of N in ONE. Two dull points or lumps down from bottom of E in CENT (see N-12 & 15), a sharp point down from the left top of that letter. Fine diagonal lines down to right from dentils to UNIT. Strong line through center of M. Points from E & R in AMERICA. Earliest has reflective fields but they become rough and flowlined as the die wears and the lines at UNIT fade. Sometimes seen with strike doubling on legend outside wreath. The defect inside E in CENT remains strong and clear.

RARITY 1 (Two dozen seen in mint state; eight of those have a significant amount of mint red remaining, many others show traces of mint red.)

DIE STATES:

- a.** Obverse uncracked. Earliest has reflective fields.
- b.** Fine crack through star 2 to near stars 1 & 3.

Note: Breen lists a proof example of this variety. The pieces claimed to be proof strikes are, in my opinion, business strikes that have reflective fields from freshly prepared dies. Their eye appeal, however, is outstanding. (For an example see the prooflike Naftzger coin, lot 685 in the 9/7/2009 Goldberg auction.)



1845

N-6



OBVERSE: (DRN 2 7 8 8 8 8) Strong point up slightly to right of vertical from top of bust near neck. Fine line from base of B to hair below. Two fine lines up to left on neck from middle curl. Fine die lines in field before face, strongest from tip of nose to lips. Short point up to left from nose even with eyelash. May come unclashed, but the earliest seen has die clashmarks in the field at the inner curl. These clashmarks are lapped away in the latest state. Develops a series of fine cracks through stars 1-3 and 4-7. A small spur is added to the rim over star 3 during the marriage (where a tool came in contact with the outer edge of the die, most likely during a routine cleaning/polishing). The lines on the neck and point from the bust are always visible.

REVERSE: (Same as N-15 of 1846, earlier) **Long point down from left pendant of T in CENT.** Parallel lines at ERI in AMERICA. Small points down from bases of NE in ONE and E in CENT. May come unclashed, but the earliest seen has die clashmarks at the usual place in the field right of ONE CENT. Develops fine cracks through legend as shown, the initial one from the second A in AMERICA to the stem tip. These cracks never become strong during the marriage.

RARITY 2 (Fourteen seen in mint state; nine of those show a significant amount of mint red, one other has traces of mint red still visible.)

DIE STATES:

- a. Dies are unclashed and uncracked. (Unknown and may not exist.)
- b. Dies are clashed but uncracked. (A few come with reflective fields thanks to a fresh die polishing.)
- c. Faint obverse cracks as shown (the first at star 5). Fine crack from A to stem tip.
- d. Obverse clashmarks lapped away (reverse clashmarks still visible). Dies cracked as shown. (Scarce)



1845

N-7



OBVERSE: (DRN 1 4 8 9 7 4) **Strong, curved line through both loops of the 8 and a horizontal line through the triangle of the 4 just above the crossbar.** These lines were caused by the 84 initially punched too high, then repositioned. Lines down to right behind ERTY. Earliest has fine polishing lines down to left of vertical covering reflective fields. The fine lapping lines fade and disappear as the fields lose their reflectivity, but this die never shows any significant wear or evidence of failure.

REVERSE: (Same as N-9, earlier) **Point up from top of E in CENT over the serif of the crossbar.** Other points up from CE and T in CENT and a strong one up from the left base of N in ONE. Vertical lines inside E in CENT. Earliest has reflective fields that are covered with fine polishing lines down slightly to right of vertical. The points remain clear as a fine crack develops through MER to dentils at either end, clearest from R to dentils.

RARITY 5- (Three seen in mint state; one with a significant amount of mint red showing, the other two with traces of mint red still visible. Five more seen in About Uncirculated grades, ten in Extremely Fine grades.)

DIE STATES:

- a. Reverse uncracked. (Scarce)
- b. Cracked at MER (clearest from R to dentils over I). (Some in this die state are weakly struck.)



1845

N-8



OBVERSE: (DRN 3 7 8 9 8 5) **Vertical line inside triangle of 4 just left of upright.** Several tiny die scratches close together down to left from the earlobe appear as a single line or short point. Line inside 4 fades and is barely visible late. Latest has a small lump in space right of Y. Similar to N-10 and 15, but the bottom of the 5 is even with the 184 on N-8, below the 184 on N-10 & 15. The fields are reflective on the earliest strikes.

REVERSE: **Small point up from left base of E in ONE.** Dull point up to left from top of E in ONE. Tiny point down from left base of N in ONE. Small lump on right top of T in CENT with a larger lump on the right pendant. Early strikes have fine die lines at the leaf tip under I and at TE in UNITED. These lines fade and disappear. Most of the other points also fade and disappear, but a tiny remnant of the point up from the base of E in ONE remains visible in the latest state.

RARITY 1 (Two dozen seen in mint state; a half dozen of those have a significant amount of mint red remaining; four others have traces of mint red still visible.)

DIESTATES:

- a. Lines at ITE visible. Line inside triangle of 4 clear. Earliest comes with reflective fields.
- b. Lines at ITE gone. Line inside triangle of 4 weak but visible.
- c. Line inside triangle of 4 faint. Lump in space right of Y. (This variety is a challenge to attribute in the late state, especially in low grade. The remnant of the point up from the left base of E in ONE can be your best hope.)

Note: Some very early examples have reflective fields and have been called proof strikes. They are very attractive cents, but opinions are divided between proof and early business strike. One has been graded Proof-66 Brown by PCGS (Dan Holmes Collection, Goldberg auction 1/30/2011, lot 101, that brought \$27,600).

1845



N-9



OBVERSE: (DRN 2 6 8 9 1 5) (Same as N-13, earlier) **Round lump on upper lip.**

REVERSE: (Same as N-7, later). **Point up from top of E in CENT over serif of crossbar.** Other points up from CE and T in CENT and a strong one up from left base of N in ONE. Always cracked through tops of MER to dentils. Additional very fine cracks form through top of legend, as shown. The first of these is through the top of UNITE, the last through ST. The clearest crack is from U to the dentils. Latest has a triangular rim cud break under the ribbon tip.

RARITY 2 (Sixteen seen in mint state; seven of those have a significant amount of mint red remaining visible, three others have traces of mint red remaining. Three of the mint state examples are in die state **c**, and two of those have traces of mint red. None of the mint state examples seen so far has been in die state **a**.)

DIE STATES:

- a.** Reverse cracked only at MER. The earliest do not show the crack reaching the left top of the M. (Very Scarce)
- b.** Additional reverse cracks as shown.
- c.** Triangular rim cud break under ribbon tip. Some come weakly struck. (Rare) **PHOTO**



1845

N-10



OBVERSE: (DRN 3 7 6 8 7 6) (Same as N-15, later, lapped) Dull, elongated lump in field at throat; a smaller one under R in LIBERTY. Similar to N-8, but the bottom of the 5 is below the 184. On N-8, they are on the same line.

REVERSE: (Same as N-3, later, lapped) **Always cracked through tops of UNITED ST.** These cracks are fine early but become stronger. Line up to right to dentils from top of E in AMERICA. Short spike down to left from dentil over left side of C in AMERICA. The line and spike fade and are barely visible late. Additional cracks form as the earlier ones become stronger. A branch crack extends up from the top of E in UNITED to the junction of the earlier cracks over that letter, and a lighter crack passes through the top of OF to the dentils on either side. Latest has the section of die between the two cracks over E in UNITED raised creating a tiny internal cud break.

RARITY 3- (Eighteen seen in mint state; thirteen of those show significant amounts of mint red, three others have traces of mint red still visible. Only one mint state example seen in die state c.)

DIE STATES:

- a. Single crack up to dentils from left top of E in UNITED.
- b. Second crack up from left top of E in UNITED. The area between these two cracks rises as a tiny retained cud break.
- c. Triangular cud fills space where tiny piece of die fell away between the two cracks over E in UNITED. (Rare) **PHOTO**



1845



N-11

OBVERSE: (DRN 2 5 6 7 1 6) (Same as N-3 & 12, later) **Vertical lines behind TY in LIBERTY.** Faint remnants of the diagonal lines at throat appear mostly as points from neck and jaw, and these are barely visible late. Small lump on neck close over point of curl; another lump close under left foot of R in LIBERTY. Thin rim cud from midway between stars 2 & 3 up to the bottom of star 4, but this cud often does not show depending on the precise centering of the obverse strike. The lines at TY remain clear. The 4, star 13, and LI occasionally are weakly struck due to die clogs.

REVERSE: (Same as N-8 and N-10 of 1846, earlier) **Nearly vertical lines behind ONE CENT, strongest at ON.** Points and lines down from leaf over O in ONE; another down from leaf over right edge of N in ONE. Earliest has fine lapping lines down to left inside wreath, strongest at EN in CENT, plus others down to left from dentils to MERI. The fine polishing lines fade and disappear but the other lines and points remain clear.

RARITY 3 (Fifteen seen in mint state; seven of those show a significant amount of mint red, three others have traces of mint red still visible. More than a dozen others seen in About Uncirculated grades.)

DIE STATES:

- a.** Fine diagonal lines at ENT in CENT and ER in AMERICA.
- b.** Diagonal lines at ENT faint, lines at ER gone.

1845



N-12



OBVERSE: (DRN 2 5 6 7 1 6) (Same as N-3 & 11, later than N-3, earlier than N-11) **Vertical lines behind TY in LIBERTY.** Lines up to left from neck to jaw. Small lump on neck over tip of curl; another close under left base of R in LIBERTY. The lines at the neck and throat fade but some remain visible. The lines at TY are always clear. A thin rim cud break occurs rather early from the top of star 3 to up halfway to star 4, then up to the bottom of star 4, and finally extending down to slightly below star 3. (Precise strike centering can alter the strength and apparent size of this cud break.) Often seen with low spots in the fields (from debris/grease on the die).

REVERSE: (Same as N-15, later) **Large, dull lump on bottom of N in ONE,** smaller points or lumps down from either side of this large one (see N-5). A couple other lumps or dull points down from base of E in CENT. Earliest has a very fine crack from the dentils through the top of UNITED. The lumps and dull points remain visible as additional cracks form. The first is through the top of ST followed by others at F, ME, RI, and the stem tip. These additional cracks are never strong and are difficult to see on worn examples.

RARITY 3+ (Eight seen in mint state; two of those show a significant amount of mint red, six others have traces of mint red still visible. Another ten seen in About Uncirculated grades.)

DIE STATES:

- a. Without rim cud on obverse. Reverse cracked only through top of UNITED. Earliest has reflective fields. (Some seen with a low spot from star 1 across the bust and truncation to star 12.) (Scarce)
- b. Without rim cud on obverse. Fine crack at ST to dentils. (Some seen with a large low spot from star 1 to the chin and bust tip.)
- c. Rim cud from middle of star 3 up halfway to star 4, later reaching up to the bottom of star 4. Fine reverse cracks as shown.
- d. Rim cud extends down to slightly below star 3. Reverse cracks as shown. *PHOTO*



1845

N-13



OBVERSE: (DRN 2 6 8 9 1 5) (Same as N-9, later, lapped) **Lump on upper lip.** Earliest has fine lapping lines down to right in the fields, clearest at the nose tip and lower junction of the buns. These fade quickly as the die becomes flowlined and a series of rim cud's form on the lower half of the die. See the die state progression below for the sequencing of the rim cud's.

REVERSE: **Line down to left from dentils to center of T in UNITED.** Earliest has additional very fine lines at same angle from dentils to tops of ED. Small lump on bottom edge of first S in STATES. Lines at TED fade and the strong one to T is barely visible late. Sometimes seen with strike doubling on legend and wreath. Develops a series of rim cud breaks at ERICA to the ribbon. See below for cud sequence. Pieces with rim cud's sometimes come very weakly struck.

RARITY 2+ (Ten seen in mint state; four of those have a significant amount of mint red remaining, three more with traces of mint red still visible. Fifteen more seen in About Uncirculated grades. Most of the mint state examples are in die state **a**.)

DIE STATES:

- a.** Both dies unbroken. (The usual state; sometimes weakly struck)
- a/b.** Rim cud CA to stem tip. No rim cud's on the obverse. (Unique) **PHOTO**
- b.** Rim cud 184 to star 1. Rim cud CA to stem tip. (Extremely Rare) **PHOTO**
- b/c.** Rim cud 184 to star 1.5. Rim cud CA to stem tip. (Unique) **PHOTO**
- c.** Rim cud star 12.5 to star 1.5. Reverse cud unchanged. (Extremely Rare) **PHOTO**
- d.** Rim cud star 11.5 to star 1.5. Reverse cud unchanged. (Extremely Rare) **PHOTO**
- e.** Rim cud star 11.5 to star 2. Reverse cud unchanged. (Extremely Rare) **PHOTO**
- f.** Rim cud star 11.5 to star 3. Reverse cud unchanged. (Extremely Rare) **PHOTO**
- f/g.** Retained cud over ER in ERICA. Other cud's as state **f**. (Unique) **PHOTO**
- g.** Obverse cud unchanged. Reverse cud ERICA to stem tip. (Extremely Rare) **PHOTO**
- h.** Obverse cud unchanged. Reverse cud ERICA to under ribbon loop. (Rare) **PHOTO**

1845



N-14

PROOF ONLY



OBVERSE: (DRN 5 0 8 9 1 5) **Proof only. Heavy bar from something punched into the die down to right from right foot of Y.** Two strong curved lines on jaw above throat. Small lumps scattered on face, strongest close to ear. Lump on chin. Short line on rim over star 7.

REVERSE: (Same as N-8 of 1844, et al.) **Irregular die scratch on rim over TED.** Depth of field is relatively shallow. (See comments at 1844 N-8)

RARITY 6+

DIE STATES: One seen that was very softly struck.

1845



(N-15)



OBVERSE: (DRN 3 7 6 8 7 6) (Same as N-10, earlier) **Lump in field at throat.** Small lump under R in LIBERTY. Short horizontal lines from bust tip, longer ones from the lowest curl to under star 12. These horizontal lines are removed by lapping and the lump at the throat becomes a bit weaker and elongated. The 4 and 5 and star 13 sometimes are weak due to a clogged die. The earliest examples have fine die polishing lines down to right in the fields and a diagonal lump left of star 8. (This obverse is similar to N-8, but the base of the 5 is below the 184. On N-8, the bottom of the 5 is in line with the bottoms of 184.)

REVERSE: (Same as N-12, earlier) **Large, dull lump on bottom of N in ONE** with smaller points down on either side of this large one (see N-5). Lump on right base of E in CENT; a small point down from that letter left of the lump. The lumps and points remain visible as die wears. Latest has a fine crack from dentils at U through tops of UNITED.

RARITY 4 (Only two mint state examples have been seen, neither with mint red. Ten more seen in About Uncirculated grades, a dozen in Extremely Fine grades. Most of the higher-graded examples are in die state **b**.)

DIE STATES:

a. Horizontal lines over star 13. Reverse uncracked. (Very Scarce)

b. Lines over star 13 gone. Faint crack through top of UNITED and ST. Some are very weakly struck.

1846

Newcomb No.	Date	Reference No.
16	1 1 5 4 7 6	Tall Date
7	1 3 7 6 2 7	
12	1 3 4 4 2 5	Tall Date
11	1 3 8 6 3 5	Medium Date
(24)	1 4 2 4 1 7	Tall Date/Proof Only
13, (23), (25), (26)	1 4 3 5 8 6	Tall Date
14	1 4 6 6 2 3	Tall Date
18	1 4 6 7 7 7	
15,21	2 4 6 5 8 5	Hole in ear
19	2 4 8 5 1 5	
8	3 4 8 8 8 5	
4	3 5 6 7 5 8	
1	3 5 6 8 5 8	
3	3 5 7 8 7 7	
2	3 5 8 8 6 5	
(22)	4 5 7 7 3 6	Proof Only
17	4 6 5 7 3 8	
5	4 7 5 6 2 6	
9, 20	4 7 6 7 2 5	
10	5 8 5 6 7 8	
6	7 0 5 8 3 8	

Note: Counterfeit 1846 cents were struck from transfer or spark-erosion dies. The first two date reference numbers are 2 4 or 3 5. The details are blurry, T in CENT tilts left, the planchets are a bit thin (but ring well), and the reverses usually are rotated from normal head-to-foot orientation. To date I have seen 15 of these with none grading better than Very Fine due to the badly blunted details.

PHOTO



1846

N-1



OBVERSE: (DRN 3 5 6 8 5 8) **18 repunched below.** Early strikes also show weaker repunching left of the base and upright of the 1, plus fine lines up to left from the dentils between the date and star 13. Comes uncracked, but most have a series of fine cracks through the date and stars as shown. (See N-15 & 21) The best place to see these cracks in their early stages is between the date and star 1. The latest state has additional cracks from the bust tip to star 1, lowest curl to earlier crack under star 12, and a final crack joining the inner points of stars 9 & 10. The lines from the dentils right of the date and repunching left of the upright of the 1 fade and disappear. The repunching under 18 weakens slightly but remains visible.

REVERSE: (Same as N-21, later) Early examples have many fine lines at various angles above and behind UNITED, strongest individual line down to left from dentils to top of I. Two small lumps on top of body of first A in AMERICA, the lower lump larger and nearly round. Always has a very fine crack from the right top of the first A in AMERICA to the dentils over M. The fine lines at UNITED are lapped out rather early. Develops numerous additional cracks through legend and wreath, the first of these through the top of ITED to dentils at right while the obverse is still uncracked. The final crack is a strong one from the end of the wreath stem to foot of adjacent A.

RARITY 1 (Two dozen seen in mint state; five with a significant amount of mint red remaining, six more with traces of mint red still visible. Many seen in About Uncirculated grades. No mint state examples seen in die state **d**.)

DIE STATES:

- a. Obverse uncracked. (Rare)
- b. Obverse cracked through date and stars. Reverse cracked but not to the stem end.
- c. Additional crack from star 1 through bust and truncation to under star 12 where it joins the earlier crack. A crack from stem end to foot of adjacent A.
- d. Additional crack joins the inner points of stars 9 & 10. (Very Rare)

Note: A few examples are considered to be proof strikes. One of the more convincing of these is an early state **b** (Starr:472-Holmes:704) graded Proof-65 Brown by PCGS. The proof status of these pieces is subject to debate, but their eye appeal is exceptional.

1846



N-2



OBVERSE: (DRN 3 5 8 8 6 5) **Repunching left of 1, strongest left of peak and base.** Weaker repunching left of the upright, but the repunching fades and disappears. High grade examples will show a rather strong lump high on the neck below the earlobe. The fields become flowlined and a bit rough, but traces of the repunching left of the peak and base of the 1 remain visible.

REVERSE: Earliest has vertical lapping lines in the fields, strongest down from the right end of the base of the E in CENT and up from the right top of that T. Earliest also has fine diagonal lines to left and right joining tops of MER to dentils above, strongest to right top of E. Line joins right top of U to dentils. A crack develops very early (while the lines at N & T in CENT are still visible) from the dentils to the right top of M through the top of ER to the dentils over I. Later another crack forms from OF to the dentils over the adjacent A. Later a vertical depression appears in the field at the top of the wreath, clearest at the right edge of the second S in STATES. A small rim cud occurs over the left top of M. This is followed by a rim cud break over ES, and the terminal state has this rim cud extending left to above TES. A faint crack through the top of TED is visible in the latest state.

RARITY 2 (One and a half dozen seen in mint state; seven of those show a significant amount of mint red, six others have traces of mint red still visible. No mint state examples seen in die state **a.**)

DIE STATES:

- a.** Vertical repunching left of upright of 1 clear. Reverse uncracked. (Very Rare)
- b.** Vertical repunching left of upright of 1 visible. Cracked at MER, later at OF.
- c.** Vertical repunching left of upright of 1 gone.
- d.** Rim break cud at M. (Extremely Rare)
- e.** Additional rim cud over ES. (Very Rare) **PHOTO**
- f.** Rim cud breaks at TES and M. Sometimes with faint crack through top of TED. (Rare) **PHOTO**



1846

N-3



OBVERSE: (DRN 3 5 7 8 7 7) **Date repunched to the left and slightly below, strongest an extension to left from the crossbar of the 4.** Earliest has fine parallel lines joining the top of star 13 to the curl at left, but these disappear rather early. The fields become slightly rough from flowlines and most of the date repunching disappears, but an extension to the left from the crossbar of the 4 remains visible.

REVERSE: Nearly vertical lapping lines at slightly different angles cover the fields, clearest at STATES, ERI, and down from tip of leaf below R in AMERICA. These lines fade and disappear as a crack and series of rim cuds form. The sequence of these breaks is shown below.

RARITY 2 (Twenty seen in mint state; four have a significant amount of mint red remaining, nine others have traces of mint red still visible. Many seen in About Uncirculated grades.)

DIE STATES:

- a. Fine parallel lines at top of star 13. (Scarce)
- b. Lines at star 13 gone. No crack or rim cuds on the reverse.
- c. Rim cud break at ES. (Rare) **PHOTO**
- d. Rim cud break at TES. (Claimed but unverified)
- e. Rim cud breaks TES-OF. Crack at MER to dentils at left. (Rare) **PHOTO**
- f. Rim cud breaks TATES-OF. (Rare) **PHOTO**
- g. Rim cud breaks TATES-OF-A. (Very Rare) **PHOTO**
- h. Rim cud breaks TATES-OF-A, M. (Rare) **PHOTO**



1846

N-4



OBVERSE: (DRN 3 5 6 7 5 8) **Date heavily repunched to left and slightly above.** (See N-3) Earliest has fine lapping lines down to left of vertical covering the fields, but these quickly disappear. Die wear and a series of die polishings during the marriage weaken the date repunching, but it remains clearly visible, even in the latest die state. Latest has a rim cud under 184, occasionally with a thin extension to below the 6, and many of the pieces with this cud have freshly lapped fields that are covered with fine polishing lines.

REVERSE: Earliest has fine die lines joining the tops of UN, F, and M to the dentils, plus a horizontal line over MER. These lines fade but the one joining the right top of M to the dentils remains visible. Earliest also has fine lapping lines down slightly to left of vertical covering the fields, but these fade quickly. A fine crack occurs early at MER to the dentils at left. Later another crack joins the top of OF to the dentils on both sides. A small lump forms at the leaf under E in AMERICA.

RARITY 1 (A dozen seen in mint state; three show a significant amount of mint red, four others have traces of mint red remaining visible. Another dozen seen in About Uncirculated grades.)

DIE STATES:

a. Reverse uncracked. (Scarce)

b. Cracked at MER.

c. Cracked at OF.

d. Rim cud under 184. (Rare but not excessively so with several dozen in grades of VF and above; two in mint state) **PHOTO**

Note: Breen lists a single proof example of this variety. It has not been verified and probably is a business strike with reflective fields thanks to a fresh die polishing.

1846



N-5



OBVERSE: (DRN 4 7 5 6 2 6) **Repunching under base of 1.** Delicate repunching also shows at the bottom edge of the 8, on the crossbar of the 4, and on all of the 6 when the die is fresh and sharp, but these outlines fade and become very faint. Earliest has fine lines up to left from dentils under star 13, but these fade away very early. The fields become flowlined and wavy as a series of tiny rim breaks form at stars 7-13. Latest also has a thin rim cud from 18 to star 1. These small rim cuds often are weak or do not show due to wear and strike centering.

REVERSE: **Heavy vertical line joins right serifs of E in ONE.** Small points up from CENT. Earliest has fine lapping lines down to right at various angles, strongest from D-S to ON. Strong, nearly vertical lines are added down from the dentils at ES to NE in ONE (similar to those seen on N-7, 9, & 20). Develops a series of small but relatively strong rim cuds over STATES (see sequence below).

RARITY 2 (A dozen seen in mint state; only two show a significant amount of mint red, two others have traces of mint red remaining visible. Many seen in About Uncirculated grades.)

DIE STATES:

- a. Fine lines from dentils under star 13. (Scarce)
- b. Lines under star 13 gone. Strong vertical lines down through ES to NE.
- c. Tiny rim cud breaks at stars 7-8 and 10-11 (all may not be visible).
- d. Tiny rim cud at star 9. Rim cud break at TA in STATES. (Rare) **PHOTO**
- e. Rim cud break at TAT. (Extremely Rare) **PHOTO**
- f. Tiny rim cuds at stars 11-13. Rim cud break at TATE. (Very Rare) **PHOTO**
- g. Rim cuds at S, TATE (with a clear void at ST). (Very Rare) **PHOTO**
- h. Rim cud over STATE now complete. (Extremely Rare) **PHOTO**
- i. Thin rim cud 18 to star 1. Rim cud over STATES. (Extremely Rare) **PHOTO**



1846

N-6



OBVERSE: (DRN 7 0 5 8 3 8) **Point of curl is right of 8, which is diagnostic.** Repunching below 46, strongest under the 6. Strong, short spur up to left from upper part of earlobe. Dull point to right from main curl just below hair bun. Earliest has fine die polishing lines down to right in the fields, strongest from the inner hair bun and main curl. The die becomes flowlined and a bit wavy, but the repunching under 6 remains visible as the other defects fade.

REVERSE: Two short points up to right from top of T in UNITED. Vertical lines are added very early from the dentils down through E in STATES to the wreath. The lines through E fade and disappear as the points from T weaken and become roots for flowlines. The fields become rough and uneven, especially around TES and wreath below.

RARITY 1 (Three dozen seen in mint state; eight have a significant amount of mint red remaining, many have traces of mint red still visible. Only four mint state examples seen in die state **a**. N-6, N-8, and N-18 are the most common 1846 varieties in mint state.)

DIE STATES:

- a.** Fields smooth. No lines down through E in STATES. Repunching under 4 is clear. (Seen with the obverse misaligned to K-8.) (Scarce)
- b.** Fields slightly rough. Lines down through E in STATES. Repunching under 4 clear.
- c.** Fields flowlined. Lines at E in STATES gone. Repunching under 4 very faint.

1846



N-7



OBVERSE: (DRN 1 3 7 6 2 7) **Top of stray 4 up from dentils below right side of 8.** Curved line joins left end of base of 4 to upright at crossbar. Fine lines up to left from dentils below 6 to star 13. The defects fade as the fields develop flowlines, but the top of the stray 4 is always visible. Latest has a strong rim cud from below 6 to star 13.

REVERSE: (Same as N-20, earlier) Points to left from stem and leaf under I in UNITED, with a similar point from the left foot of that letter. Dull point to right from right top of T in CENT. Lump on right side of N in ONE; others on right edge of upright of F in OF. Lines are added early from the dentils down through ES-OF to the wreath, strongest at S-O (see N-5, 7, & 9). These lines fade but remain visible. The points also fade, the one to right from T in CENT clearest in latest state. Cracks develop from dentils through TE in STATES and a lighter one from the leaf tip under that S to the bottom of that letter. Often has the reverse rotated 15 degrees clockwise.

RARITY 2+ (A dozen seen in mint state; six of those show a significant amount of mint red, two others have traces of mint red remaining visible. Ten more seen in About Uncirculated grades.)

DIE STATES:

- a. Reverse without cracks or lines down through ES-OF. (Some are softly struck.)
- b. Lines down through ES-OF.
- c. Cracked at TE in STATES.
- d. Rim cud below 6 to star 13. (Very Rare) (More than a dozen known grading VF25 or better but only one in mint state.) **PHOTO**

1846



N-8



OBVERSE: (DRN 3 4 8 8 8 5) **1 is unusually broad and crooked, thicker at the top than the bottom.** Points and short lines down slightly to left of vertical from inner bun and main curl. Many rough die lines from neck to jaw. Point up to left from tip of nose. The lines and points fade and most disappear, but a dull point down from the main curl directly over the tip of the inner curl remains visible in latest state.

REVERSE: (Same as N-11 of 1845 and N-10 of 1846, later) **Strong, dull point down from right top of N in ONE.** Points down from left top of E and left top of N in CENT. Dull, nearly vertical lines behind N in ONE. Fine lines down to right from dentils to NI in UNITED. Most of these lines and points fade and disappear, but the strong point down from the right top of the N in CENT is always visible, although it is weak and very dull in the latest state.

RARITY 1 (Thirty seen in mint state; a dozen with a significant amount of mint red, many with traces of mint red still visible. This variety, along with N-6 and N-18, are the easiest 1846 cents to acquire in mint state.)

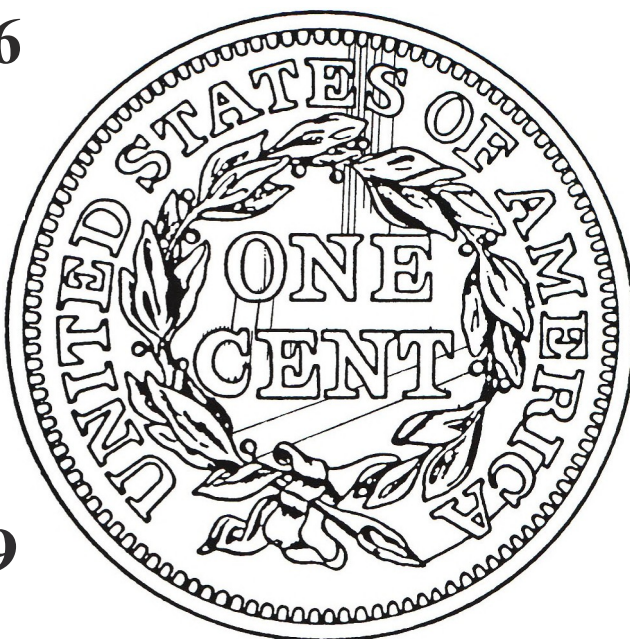
DIE STATES:

- a. Lines at throat and N in ONE clear.
- b. Lines at throat and N in ONE gone or barely visible.



1846

N-9



OBVERSE: (DRN 4 7 6 7 2 5) (Same as N-20, later) Vertical lines join inner and main curls. Tops of 1 & 8 are repunched, but the offset is very small and this feature may not show on worn examples. The upright of the 4 is "moth-eaten" on the left side over the crossbar. This feature is present on several varieties of the year, but it is most evident on this die. The lines joining the inner and main curls fade and mostly disappear, but some points down from the main curl are visible in the latest state.

REVERSE: **Points up from inside bottom of C in CENT.** A strong arc line joins ICA near their tops. The earliest state has fine, nearly vertical lapping lines covering the field inside the wreath, with stronger ones connecting the O in ONE to CE in CENT, plus additional lapping lines down to left, strongest through the bases of NT in CENT. Other smaller points up from ONE CENT and leaf under that T. The lapping lines fade and disappear early. Vertical lines are added rather early from the dentils down through ES and the wreath to NE (see N-5, 7, & 20). The arc line at ICA remains visible longer but only a weak segment at CA is visible in latest state. The points inside the bottom of C in CENT remain visible.

RARITY 2 (More than a dozen seen in mint state; eight have a significant amount of mint red, two others have traces of mint red still visible. More than a dozen seen in About Uncirculated grades.)

DIE STATES:

- a. Arc line joins ICA. No lines down through ES. (Scarce)
- b. Arc line at ICA is weak or missing. Vertical lines from dentils down through ES and wreath.



1846

N-10



OBVERSE: (DRN 5 8 5 6 7 8) Fine lines down to right from top of outer hair bun. Lines up along front edge of neck; these are crossed by other short ones down to left from throat. The fine lines down to left at the throat fade and disappear early but the others remain visible until latest state. Latest has a rim cud break from below star 3 up to over star 6. Sometimes seen with large low spots in the obverse fields (caused by crud/grease on the die). In the earliest state the fields are reflective with the appearance of a proof strike.

REVERSE: (Same as N-11 of 1845, later, and N-8 of 1846, earlier) **Nearly vertical lines at ON in ONE with a strong point down from the right top of the N.** Other points from CEN and leaf above the O. The lines and points fade slightly but most remain visible. Sometimes seen with strike doubling at various places, most often along the top of UNITED.

RARITY 5- (Four seen in mint state, all die state **a**; two have a significant amount of mint red remaining. Ten more seen in About Uncirculated grades, all in die state **a**.)

DIE STATES:

a. Obverse unbroken. (Earliest have reflective fields.)

a/b1. Rim cud from top of star 3 to above star 5. (Extremely Rare) **PHOTO**

a/b2. Rim cud from top of star 3 to above star 6. (Extremely Rare) **PHOTO**

b. Rim cud extends down to bottom of star 3. (Rare) (A couple dozen seen; the finest grades EF45.) **PHOTO**

Note: Newcomb mentioned some proof strikes of this variety. A few early examples with reflective fields have been offered as proof strikes over the years. Their status as proof or early business strikes is uncertain. At least one has been certified by PCGS as a Proof strike (Naftzger-Rasmussen-Wadlington (Twin Leaf Collection), Stack's/Bowers 7/16/2015:2404 as PR64+BN).



1846

N-11



OBVERSE: (DRN 1 3 8 6 3 5) **Medium date, which is diagnostic.** Round hole in ear. Fine, short lines up to left from dentils under date, some reaching the 1 & 6. Fine line from right top of Y. A couple small points down to slightly to right from main curl over inner curl. Short spur up to right from upper point of star 13. The lines under the date fade and mostly disappear, but some are always visible under the 6. Star 6 is sometimes weak in the early state due to a clogged die, and a large low spot nearly obliterates star 2 on some late examples.

REVERSE: (Same as N-19, later) **Heavy file lines from dentils to top of E in AMERICA.** Always cracked as shown, strongest down from the ribbon to dentils. These cracks are weak early but become stronger and a few minor branch cracks also form. The strong lines at E in AMERICA are always clear. Strike doubling sometimes present on portions of legend and wreath.

RARITY 1 (More than a dozen seen in mint state; five have a significant amount of mint red remaining, five others have traces of mint red still visible. Many more seen in About Uncirculated grades. A relatively common variety but it usually sells at a premium because it is the only one with a Medium Date.)

DIE STATES:

- a. Lines from dentils under 1846.
- b. Lines from dentils under 184 gone. Lines under 6 dull.



1846

N-12



OBVERSE: (DRN 1 3 4 4 2 5) **Tall date. Lines up to left from neck, strongest at throat.** Other short lines at same angle at earlobe, lips, nose, and eye. Lump on neck at throat. Earliest has fine repunching left of the base of the 4, but this disappears very early. Lines at the throat and ear always visible. Develops a series of rim cud breaks from star 1 to star 7, the sequence listed below.

REVERSE: The earliest state has fine lapping lines down to right covering the fields, strongest at UNI and at the dentils below the ribbon and stem. These fine lines fade and disappear and some stronger lines are added early at the dentils from U to below the ribbon loop (these are shown on the diagram). These short lines also fade and disappear. This die has no diagnostics in the later states.

RARITY 1 (Twenty seen in mint state but only one of those has rim cuds. Five have a significant amount of mint red, six more have traces of mint red remaining visible. The most common Tall Date variety in mint state.)

DIE STATES:

- a. Fine repunching left of base of 4. Without lines at dentils from U to ribbon. (Very Scarce)
- b. Repunching at 4 gone. Without lines at dentils from U to ribbon.
- c. Lines at dentils from U to below ribbon loop (as shown on diagram).
- d. Rim cud break star 4 to star 5. (Extremely Rare) **PHOTO**
- e. Rim cud breaks star 2.5 to star 3.3; star 4 to star 5. (Extremely Rare) **PHOTO**
- f. Rim cud break star 2.5 to star 5. (Very Rare) **PHOTO**
- g. Rim cud break star 2 to star 5. (Extremely Rare) **PHOTO**
- h. Rim cud breaks star 2 to star 5; star 5 to star 6. (Rare) **PHOTO**
- i. Rim cud breaks star 1 to star 5; star 5 to star 6. (Rare) **PHOTO**
- j. Rim cud breaks star 1 to star 5; star 5 to star 6; star 6 to star 7. (Very Rare) **PHOTO**



1846

N-13



OBVERSE: (DRN 1 4 3 5 8 6) (Same as N-23, 25, & 26, earlier) **Tall date. Horizontal line through center of 1, strongest on left side of upright.** Points down from inner hair bun, main curl, neck, throat, and chin. Short vertical line up from dentils under left side of star 13. These defects remain clear throughout the marriage.

REVERSE: **Two sharp lines join left top of U to ribbon tip.** Parallel lines connect tops of A & M. Curved line from right top of U to near dentil over left side of that letter. Line down to left from dentils through right top of M to left foot of that letter. Earliest seen has some minor roughness between the dentils and legend, and small lumps on top of C in CENT and diagonal of N in ONE, plus smaller ones on the bottom edge of the base of T in CENT. The lines fade but remain visible, especially the ones at U. Develops crumbling in the bottom of R in AMERICA; later with crumbling inside the top of that letter. Minor crumbling also seen inside the bottom of E in AMERICA, between TES and the dentils, and elsewhere, but not as strong as the crumbling inside the R.

RARITY 3+ (Four seen in mint state; one shows a significant amount of mint red, two others have traces of mint red still visible. Two more seen in About Uncirculated grades, five more in Extremely Fine grades.)

DIE STATES:

- a. Without any crumbling in R.
- b. Crumbling inside bottom of R in AMERICA (this grows).
- c. Crumbling inside top and bottom of R in AMERICA. (This die state is known with various reverse die rotations including 20, 45, 65, 80, and 85 degrees clockwise and 75 degrees counterclockwise. Doubtless other rotations exist. All are extremely rare.)

1846



N-14



OBVERSE: (DRN 1 4 6 6 2 3) **Tall date. Repunching close over base of 1, strongest left of the upright.** Spur to left from upper left side of 8 (appears to be the peak of a stray 1). Short lines up to left from neck, strongest on upper half. Short horizontal lines from dentils under stars 1 & 13. The lines from the dentils and spur from the 8 fade and disappear. The lines from the neck remain visible longer but also are gone in latest state. The repunching over the left base of the 1 remains visible. Rim cuds occur, first under 18, next at stars 3-4, and a final one at stars 10-11.

REVERSE: Earliest has fine vertical lines at right side of E in ONE and under left top of T in CENT, but these disappear quickly. A crack forms at TED-ST to dentils as shown (occurs just prior to the first rim cud) and another crack forms soon after at ME to dentils left of A. The field outside the wreath is rough and flowlined late.

RARITY 2 (Ten seen in mint state, all in die state **a**. Two of those show a significant amount of mint red, two others have traces of mint red still visible. More than a dozen more seen in About Uncirculated grades.)

DIE STATES:

a. Reverse uncracked. (The usual state.)

a/b. Crack on rim outlines a rim cud forming under 18. (Extremely Rare.) **PHOTO**

b. Rim cud under 18. Reverse cracked at TED-ST (first) then ME. (Very Rare) **PHOTO**

c. Rim cuds under 18 and at stars 3-4. (Extremely Rare) **PHOTO**

d. Rim cuds under 18, at stars 3-4, and at stars 10-11. (Very Rare) **PHOTO**



1846

N-15



OBVERSE: (DRN 2 4 6 5 8 5) (Same as N-21, earlier) **Round hole in ear.** Fine line down to left inside ear hole. Small triangular lump on outer edge of rim at star 10. Comes uncracked but rarely. Fine cracks as shown in diagram, clearest at date and stars 1-3. These cracks remain relatively fine, never strong. Usually comes sharply struck.

REVERSE: (Same as N-6 of 1845, later, lapped) **Point down from left pendant of T in CENT.** Parallel lines over ERI. Always cracked from dentils left of U through top of UNITED, a light vertical crack from dentils to right top of E in UNITED, dentils over A to tops of TE to dentils over S, from dentils over S to top of OF to dentils near A, through top of MERI to dentils over C, and through bottom of ICA to stem near tip. Later an additional crack forms up to dentils from left top of U and a lighter one up from right top of adjacent N to dentils. The lines over ERI fade and disappear. The point down from T weakens but remains visible. Additional cracks form as shown on diagram. The vertical cracks at U and E in UNITED and crack through the top of UNITE become very heavy and that section of the die shifts outward. The terminal state has this section of the die fallen away creating a huge cud break, the only rim cud in the late date cent series that extends inside the dentils to the legend.

RARITY 4+ (Seven seen in mint state; two have a significant amount of **mellowed** mint red, four others have traces of mint red still visible. Four more seen in About Uncirculated grades, eight in Extremely Fine grades.)

DIE STATES:

- a. Obverse uncracked. (Very Rare)
- b. Obverse cracked (often faint). Vertical crack up to dentils from top of U (after the obverse cracks).
- c. Section of die at UNITE shifted outward. Vertical cracks at U & E strong. (Rare)
- d. Huge cud at UNITE. (Semi-unique, both in low grade) **PHOTO**



1846

N-16



OBVERSE: (DRN 1 1 5 4 7 6) **Tall date. Point of curl over center of 8, which is diagnostic.**

Long, heavy points and fine lines down slightly to right of vertical from main curl and buns, some reaching inner curl. These are crossed by lighter lines down to right from inner curl. Points down to right from chin. Lines up to left from dentils to star 13 and lowest curl, others at same angle from upper part of neck. Points up to left from dentils under star 1; others to right from dentils under star 2. Point down from lowest curl over left edge of star 13. LIBERTY always weak, especially the I. The entire head and neck are rough with a "moonscape" look giving a matte appearance. (Similar roughness is always present on the head of N-17 of 1846 and N-18 of 1847, and these varieties exhibit similar weakness in LIBERTY. Perhaps a different hub or die preparation process was used to prepare these three obverse dies. They certainly have a unique appearance.) The lines and points remain visible as rim cuds form from star 11 to above star 9. See below for the progression.

REVERSE: (Same as N-35 of 1847, earlier) **Line down to left from dentils to top of E in AMERICA.** Earliest has fine polishing lines down to right of vertical covering fields, strongest at dentils below wreath. Fine line up to left from left foot of first A in AMERICA. Lump on bottom of C in CENT. The polishing lines fade and disappear but the line at E in AMERICA is always visible. Later states have an additional lump close to the leaf under the right edge of D in UNITED.

RARITY 5 (Only one seen in mint state and it has a significant amount of mint red remaining; three more seen in About Uncirculated grades, six in Extremely Fine grades, many in Very Fine grades. The lone mint state example is in die state c.)

DIE STATES:

- a. Obverse die unbroken. (Seen with obverse misaligned to K-1.5 and some clogged stars.)
- b. Rim cud from star 10.5 to star 11. (Seen with a crack on the rim outlining an extension of cud up to **right** of star 9.) (Extremely Rare) **PHOTO**
- c. Rim cud over star 10 to star 11. (A few with crack on rim outlining later extension of cud to **above** star 9. (Very Rare) **PHOTO**
- d. Rim cud from above star 9 down to star 11. (Very Rare) **PHOTO**



1846

N-17



OBVERSE: (DRN 4 6 5 7 3 8) **Strong lines down from base of R to hair below, one down to left and several down to right.** Weaker lines down from base of T. Earliest has reflective fields, but these soon become satiny from fine flowlines. The face and neck are rough and LIBERTY is always a bit weak. (Similar to N-16 of 1846 and N-18 of 1847. See discussion at 46N16.) The lines at T fade and disappear but the stronger ones at R always visible.

REVERSE: (Same as N-23 of 1847, earlier) **Dull spike in dentils between A & M.** Sharp lines down slightly to right join leaf above to right top of E in ONE. Fine lines down to left from dentils to tops of MERI with a few inside the E. Fine parallel lines at NITE, strongest at top of T. Short points down to left from E in CENT; others up to right from that C. The lines at NITE fade and disappear. Die cracks develop from the dentils to MERI and later from the dentils to ATE.

RARITY 4+ (Five seen in mint state; two of those have a significant amount of mint red remaining. Six others seen in About Uncirculated grades, ten in Extremely Fine grades.)

DIE STATES:

- a. Reverse uncracked. (The usual die state)
- b. Cracked only at MERI. (Rare)
- c. Cracked at ATE.

1846



N-18



OBVERSE: (DRN 1 4 6 7 7 7) **Points and lines down from main curl over inner curl.** Point down from throat. Fine line down to right from main curl over inner curl. The line over the inner curl fades and disappears, as does the point from the throat. The points down from the main curl remain visible longer but get lost in die roughness in the later states. Develops a small lump in field close under inner hair bun; later a small lump forms on the base of the inner hair bun.

REVERSE: Short point up from left top of T in CENT. Fine lines at second A in AMERICA; others up to right from right tops of MERI, strongest to right edges of M & R. Develops a small lump on top of T in CENT, just left of center. The lines fade and disappear and the point from the left top of T becomes a tiny lump. Other fine vertical lines are added from dentils down through ATES OF through wreath to ONE, but these fade as wave-like defects join the bases of ES-0 and inside berries over N in ONE. A fine crack forms from dentils to left edge of M through top of MER. Later a stronger crack parallel to the first joins the dentils to the right edge of the left top of the M. In latest state there is a small cud break resting on the left top of M at the base of the second crack. In the later die states the cracks at the left top of M are the best attribution points.

RARITY 1 (Two dozen seen in mint state; seven of those have a significant amount of mint red remaining, nine with traces of mint red still visible. Dozens of examples seen in About Uncirculated grades. One of the most available varieties of 1846 in mint state along with N-6 and N-8.)

DIE STATES:

- a. Reverse uncracked. (Sometimes comes with severe low spots or very weakly struck.)
- b. Fine crack through top of MER. (Single crack to left top of M)
- c. Double crack to left top of M, the right crack stronger.
- d. Tiny lump or cud break on left top of M at left base of the right crack.
- e. Small round lump in field close under outer hair bun.
- f. Lump on bottom edge of outer hair bun. Lump in field just below is weaker.



1846

N-19



OBVERSE: (DRN 2 4 8 5 1 5) Earliest has fields covered with fine lapping lines down to right, strongest from tip of bust to top of 1. Fine line from base of T to hair below. The 1 is wider in the middle than at the top or bottom. The fields are sometimes reflective early and never develop significant wear or flowlines. The fine lines fade and disappear and a strong rim cud break occurs at star 12. The face and neck are matte, noticeably rougher than normal, but not nearly as rough as N-16, N- 17, and 1847 N-18. (Similar to N-15 but without the hole in the ear.) Always sharply struck.

REVERSE: (Same as N-11, earlier) **Strong lines from dentils through E in AMERICA, some reaching wreath.** Fine lines down to right from dentils to tops of UN. Earliest has fine polishing lines down to right covering reflective fields. The fine lapping lines fade and disappear and cracks develop while those lapping lines are still clear. The initial crack is from the first outside leaf at U down through the ribbon to dentils below. Later this crack extends around the wreath and exits up through the E in STATES to the dentils above. Latest has an additional crack from the wreath through the left side of M to dentils. The lines at E in AMERICA always strong.

RARITY 4 (Eight seen in mint state, all in state **a** or **b**. Only one has a significant amount of mint red remaining, four others have traces of mint red still visible. Seven seen in About Uncirculated grades, more than a dozen in Extremely Fine grades.)

DIE STATES:

- a.** Reverse uncracked. Fields slightly reflective. (Scarce)
- b.** Cracked through ribbon to dentils below, later through E in STATES to dentils above.
- c.** Cracked up through left side of M to dentils. (One seen with a die crack on the rim outlining the lower half of the impending rim cud at star 12.)
- d.** Strong rim cud break at star 12. (Very Rare) **PHOTO**

Note: Breen lists several proof examples of the variety. These appear to be early business strikes with slightly reflective fields, but the strikes are very sharp and the eye appeal of these early strikes is outstanding.



1846

N-20



OBVERSE: (DRN 4 7 6 7 2 5) (Same as N-9, earlier) **Vertical lines down from main curl to inner curl.** Tops of 1 & 8 delicately repunched, but the offset is very small. Upright of 4 broken just above the crossbar (a defect seen on a few varieties of the year). Line up to right joins bust to neck. Many fine points or very short lines up from dentils under 6 and star 13. Line from star 13 to curl above. Lapping during the marriage leaves fine lines down to right in the fields, strongest at the chin and from the junction of the main curl and inner hair bun. The lines at the inner curl and repunching at the top of 18 remain clear as the other defects fade.

REVERSE: (Same as N-7, later) **Vertical lines from dentils to S-OF**, with weaker ones down to TATE. Lump on right side of N in ONE. Always cracked from dentils over A through top of TE to dentils over S, and along wreath under TATE to bottom of second S in STATES. The lines at TATES-OF fade but the stronger ones over the left side of O remain visible, strongest near the dentils. Develops additional fine cracks very early in the marriage from the second S in STATES up to right to the dentils and from the top of the first T in STATES up to right where it joins the earlier crack over the left side of A. These cracks are never strong.

RARITY 3+ (Seven seen in mint state; two of those show a significant amount of mint red, four others have traces of mint red still visible. All the mint state examples are in die state b. Eight more seen in About Uncirculated grades.)

DIE STATES:

- a. Short lines up from dentils under 6 and star 13. (Rare)
- b. Lines from dentils under 6 and star 13 gone. Vertical lines at S-O weak.



1846

N-21



OBVERSE: (DRN 2 4 6 5 8 5) (Same as N-15, later, lapped) **Round hole in ear.** Line down to left inside the ear hole. Always cracked through stars and date as shown. These cracks are very faint early due to a lapping between marriages and the fields are reflective early. The cracks become more obvious as the fields lose their reflectivity, but they are never strong. Latest has a triangular rim cud break over star 7.

REVERSE: (Same as N-1, earlier) **Without point down from left pendant of T in CENT (see N-15).** Fine lines at various angles over UNITE, strongest from dentils through top of I. Line slants through berry under IT. Sharp examples show two lumps on body of right top of first A in AMERICA, the lower lump larger and nearly round. Earliest has reflective fields. The fields lose their reflectivity, but the die never shows any real wear during this short marriage. None seen with the crack of N-1.

RARITY 5 (Five seen in mint state, and one of those has been called a proof by Breen and PCGS. Two have traces of faded mint red remaining visible. One seen in About Uncirculated, two in Extremely Fine, and six in Very Fine grades.)

DIE STATES:

- a. Obverse cracks faint. Fields reflective early. Some seen struck slightly off center to K-6.
- b. Rim cud break over star 7. (Very Rare) **PHOTO**

Note: Breen lists a proof example from this obverse but a "different" reverse. The reverse is as described above, and the proof status of this and the few other examples claimed to be proof strikes is questionable. They are, however, sharp strikes with squared rims and reflective fields. Their eye appeal is outstanding and they always command a significant premium. One has been certified as a proof strike by PCGS (Holmes:166-Wadlington:2415 as PCGS PR64BN).

1846



(N-22)
PROOF ONLY



OBVERSE: (DRN 4 5 7 7 3 6) **Proof only. Small Date.** Fine line up from right foot of Y. Dull spur to left from hollow below lower lip. Short points down from jaw near throat; others up from bust near neck. Curved horseshoe-shaped line high on neck at jawline; two tiny lumps close together right of this line. Upright of 4 broken on left side just over crossbar as seen on several varieties of the year.

REVERSE: (Same as N-8 of 1844, et al.) **Irregular die scratch on rim at TED.** The die is heavily lapped and the depth of field is very shallow. See note following 1844 N-8.

RARITY 7+ (Only five seen, and one of those is in the Smithsonian. The real rarity of the N-22 variety may be higher than once thought as proof listings in old auction catalogs simply say "Small Date." Only one seen with a significant amount of mint red remaining—Daniel Holmes, Goldberg 1/30/2011:168 where graded Proof-64 Red & Brown by PCGS.)

DIE STATES: All as above.



1846

(N-23)



OBVERSE: (DRN 1 4 3 5 8 6) (Same as N-13, 25, & 26. Later than N-13, earlier than N-25 & N-26. **Tall date. Horizontal line through upright of 1, strongest on left side of upright.** Points down from inner hair bun, main curl over inner curl, throat, neck, and jaw. Vertical line from dentils just right of 6. The obverse is very slightly bulged outward in the center. This condition was not present in the earlier marriage as N-13, and it becomes more obvious in the later uses as N-25 & 26.

REVERSE: **Spike down to right from dentils through right top of T in UNITED.** Line from dentils to top of second T in STATES; another to left top of R in AMERICA. Points down from ONE and CENT, with some fine lines at same angle joining NE to N below. Develops minor roughness around UNITED. The fine lines joining NE to N fade but everything else remains clear. Latest has a strong rim cud break over TES.

RARITY 5 (None seen in mint state. Two seen in About Uncirculated grades, two more in Extremely Fine grades, and eight in Very Fine grades. Most are in low grade.)

DIE STATES:

- a. Reverse unbroken.
- b. Rim cud break over TES. (Extremely Rare) *PHOTO*

1846



(N-24)
PROOF ONLY



OBVERSE: (DRN 1 4 2 4 1 7) **Proof only. Tall date. Two strong vertical lines down from earlobe; another left of the earlobe.** Lines down from bases of ERT. A few have the obverse die misaligned slightly to K-7 with a partial knife edge, strongest at K-1. The planchets appear thicker than normal due to the raised knife edges.

REVERSE: (Same as N-8 of 1844, et al.) **Irregular die scratch on rim at TED.** The depth of field is very shallow due to excessive lapping. See the note at 1844 N-8.

RARITY 7+ (Four seen and a worn example was reliably reported to me by Del Bland in 2004 for a total of five; only one seen with a significant amount of mint red remaining--Holmes:171 where graded by PCGS as Proof-65 Red & Brown.)

DIE STATES: All as above.

Note: This is the only Tall Date proof variety and the second rarest proof-only variety in the 1840-1857 series. Only five examples are known and one is impaired. (The rarest of the proof-only varieties is N-24 of 1852 with three examples known.)



1846

(N-25)



OBVERSE: (DRN 143 5 8 6) (Same as N-13, 23, and 26. Later than N-13 and 23, probably later than N-26.) **Tall date. Horizontal line through upright of 1, strongest on left side of upright.** Points down from inner hair bun, main curl over inner curl, throat, neck, and jaw. Line up from dentils right of 6. The center of the obverse is bulged outward slightly, a feature that causes the ear and surrounding hair to wear more quickly than normal. Conversely, the central portion of the reverse receives less wear than normal.

REVERSE: (Same as N-28 of 1847, earlier) **Two lines down to right at different angles from dentils to top of E in AMERICA. Short, dull spur up from right top of first T in STATES.** Line from left top of N in UNITED to dentils. Earliest has no crumbling in dentils under stem tip, but crumbling soon joins several dentils, four in the latest state. The tops of C & E become joined by crumbling, but not as high as the letters themselves. The bottom inside portion of the N in UNITED also fills with crumbling. The lines fade but remain visible, the one to right top of E in AMERICA clearest. The spur up from the first T in STATES always visible. The crumbling in the dentils below the stem tip causes those dentils to appear shorter, especially on worn examples. Sometimes seen with strong strike doubling (from die bounce/machine doubling) on portions of legend outside wreath.

RARITY 5 (None seen in mint state. Two seen in Extremely Fine grades, two more in Very Fine grades. Most are in low grade.)

DIE STATES:

- a. No crumbling in dentils below stem tip.
- b. Crumbling at roots of 3 dentils under stem tip. CE not joined by crumbling.
- c. Crumbling joins 3 or 4 dentils under stem tip. CE joined by shallow crumbling.



1846

(N-26)



OBVERSE: (DRN 1 4 3 5 8 6) (Same as N-13, 23, and 25. Later than N-13 and 23, probably earlier than N-25) **Tall date. Horizontal line through center of 1, strongest left of upright.** Points down from inner hair bun, main curl over inner curl, neck, throat, and chin. Line up from dentils right of 6. The center of the obverse is bulged outward slightly causing the ear and surrounding hair details to wear more quickly than normal. The center of the reverse wears more slowly and is typically sharper than the obverse in this marriage.

REVERSE: **Spike through wreath right of base of E in ONE with the point of the spike extending from the leaf below M.** Horizontal lines through tops of CENT. Develops crumbling around legend as the spike fades and becomes weak. Crumbling fills the N in UNITED, eventually joining the NI to the leaf below. Later crumbling connects the left top of U to the dentils above. In this state, the spike through the wreath is very faint or gone. Sometimes seen with strike doubling/machine doubling on legend.

RARITY 5 (None known in mint state. One seen in Extremely Fine, that being Holmes:744 graded MS63BN by PCGS with an EAC grade of EF45+, ten more seen in Very Fine grades.)

DIE STATES:

- a. Spike through wreath clear. Without crumbling inside N in UNITED. (Very Rare)
- b. Spike visible but blurry. Crumbling inside N in UNITED, eventually joining NI to wreath.
- c. Spike through wreath faint or gone. Left top of U crumbled to dentils above.

1847

Newcomb No.	Date Reference No.
1	3 2 5 5 8 5
34	3 4 5 7 3 6 (3 4 4 5 2 4 unlapped)
2, 31	4 4 3 3 4 7
6	4 5 1 5 1 8
(43), 30	4 5 3 3 2 6
3	4 5 3 4 2 5
28	4 5 3 5 2 6
5	4 5 4 5 1 3
19	4 5 4 5 2 5
7	5 5 1 1 2 9
18	5 5 2 2 1 6
20	5 5 3 3 2 5
8	5 5 3 4 3 5
12	5 5 3 5 8 5
29	5 5 4 4 1 3
39, 10	5 5 5 5 2 5
22	6 6 1 3 1 4
32, 23, 11	6 6 2 3 7 7
21	6 6 2 3 8 5

1847

24	6 6 3 3 8 4
13	6 6 5 6 7 4
(42)	7 6 4 5 7 5 Proof Only
15	7 6+ 1 3 7 6
37, (41)	7 6+ 3 5 5 5
14	7 7 3 3 5 4
4	7 7 3 4 4 7
27	7 7 3 5 5 8
35	7 7 4 4 7 6
38	7 7 4 4 7 6
26	7 7 4 5 5 5
36	7 7 5 6 6 7

Varieties Delisted

N-9	Middle die state between N-24 & 25
N-16	Late state of N-38
N-17	Late state of N-26
N-25	Late state of N-24
N-33	Late state of N-3
N-40	Late state of N-21



1847

N-1



OBVERSE: (DRN 3 2 5 5 8 5) **Strong repunching at left base of each digit.** Weaker repunching at tops of 1 & 8. Vertical lines through RTY, strongest to right of Y. Vertical lines at inner curl; another down from curl under earlobe. Short, heavy line on neck near jawline. The die is lapped rather early slightly weakening the date repunching and leaving fine nearly vertical lines in the fields. The lines at the inner curl disappear late as that area becomes slightly rough. Field becomes slightly rough around date and most stars. The repunching at the date and lines at RTY are always visible.

REVERSE: Earliest has fine lines down to right covering the fields, a vertical line down from the dentils through E in STATES, and another down from the dentils at S-O. These lines fade and eventually disappear. Cracks develop very early. (The cracks occur while the fine lapping lines are still clear.) The initial crack is from the dentils over R through the top of ICA. This is followed very quickly by a series of cracks as shown on the diagram. The final cracks are the ones through TATE and S-OF. Latest seen has a rim cud from the second A in AMERICA to off the end of the wreath stem.

RARITY 2 (Twenty seen in mint state; four have a significant amount of mint red, nine more have traces of mint red still visible. Only one mint state example seen in die state a.)

DIE STATES:

- a. Reverse uncracked. (Rare)
- b. Reverse cracked at ICA-stem-ribbon (first), UNITED (second), and MER (third). Some come softly struck.
- c. Dies lapped. Repunching at left foot of 4 does not reach up to crossbar. Additional cracks develop a bit later at TATE and S-OF. Reverse die lines gone.
- d. Rim break from the second A in AMERICA to the stem tip (Unique) **PHOTO**

Note: Newcomb mentioned proof strikes of this variety. None are traced and they are doubtful.



1847

N-2



OBVERSE: (DRN 4 4 3 3 4 7) (Same as N-31, earlier) **Date repunched, clearest over top of 7.** The so-called "**Large 7 over Small 7**" variety. The repunching is visible under the peak of the 1 and over the tops of the 4 & 7, and weakly on the 8 on early strikes. The 7 is strongly punched into the die and appears unusually fat as a result. The "small" 7 was imparted by the same size punch, but it appears smaller because it was so lightly punched into the die. Lump in field below star 13. Several points and short lines down to right from main curl over inner curl. Thin line down through center of R. Earliest also has fine lines to left from dentils at star 13. The lines from the dentils fade and disappear, the ones at the inner curl become weak, and the lump under star 13 fades but remains visible. The repunching at the top of the 7 remains clear. (See N-18)

REVERSE: Earliest has fine polishing lines down to right from leaf just below C in CENT, plus others at same angle from left top of T in UNITED through adjacent I. These lines fade and disappear rather early. Cracks develop, first at MER and later at ED. Often seen with strike doubling (machine doubling) on right side of reverse.

RARITY 3 (Nine seen in mint state; two of those show a significant amount of mint red, three more have traces of mint red still visible. Ten more seen in About Uncirculated grades. All but one of the mint state examples are in die state **a**.)

DIESTATES:

- a.** Lines to left from dentils at star 13.
- b.** Lines at star 13 gone. Crack through MER.
- c.** Additional crack at ED.



1847

N-3
N-33



OBVERSE: (DRN 4 5 3 4 2 5) **Repunching left of top of 7. Lines up to right from inner and main curls.** Earliest has clear repunching left of all 4 digits, strongest at the 7 as shown. Short points down to left from throat, others up to left from bottom of neck. Large, irregular lump on cheek, a smaller one near earlobe. The die becomes rough from flowlines and lapping eventually removes the repunching except for a trace inside the top of the 8 (Newcomb's #33). The lines at the inner and main curls become faint but dull traces remain visible.

REVERSE: **Diagonal lines down to right at ON and EN, strongest at Nin CENT.** Double-line scratch through ER in AMERICA to dentils over I. Strongest lines inside N in CENT remain visible as the others disappear. Develops crack rather early through ATE to rim over second S. Vertical indentations form down through the right side of the second T in STATES and just right of that second S. These indentations fade and are gone in latest state. Another crack forms through AME to rim over R. Three rim cuds form at ST, S-O, and ER. (A convincing example with less than 3 rim cuds is unconfirmed, but one may exist.) A terminal cud (#4) forms at OF.

RARITY 3 (Twenty seen in mint state; a half dozen have a significant amount of mint red remaining, ten more have traces of mint red visible. Many of the mint state pieces have rim cuds.)

DIE STATES

- a. Repunching visible at left top of all 4 digits. Reverse uncracked.
- b. Repunching visible at left top of all 4 digits. Crack at ATE.
- c. Repunching at 1 gone. Additional crack at AME.
- d. Repunching at date gone (except for remnant inside top of 8). (Newcomb's #33)
- d/e #1. Rim cud breaks at ST and S-O (reported but unverified). ("N-33") **PHOTO**
- d/e #2. Right half of the cud at ER forms (the "2½ cud" die state) (Unique) ("N-33") **PHOTO**
- e. Rim cud breaks at ST, S-O, and complete cud at ER. (Very Rare) ("N-33") **PHOTO**
- f. Additional rim cud at OF. (Rare) ("N-33") **PHOTO**

1847



N-4



OBVERSE: (DRN 7 7 3 4 4 7) (Same as N-27, earlier) **18 repunched, strongest under base of 1.** Additional repunching visible above top and under peak of 1, under base of 8. Short diagonal lines up to left from dentils at star 13. Earliest has reflective fields. Lines at star 13 fade and disappear. The repunching fades slightly but remains clear under the 1. (See N-30 & 43)

REVERSE: **Strong point down from left serif of right top of N in CENT.** Earliest has curved line from right top of T in UNITED to dentils over D. Heavier lines join right top of E in ONE to leaf above. Strong line joins left side of C in CENT to leaf below; a strong point down to left from left side of that letter. Delicate point up from left top of N in CENT and left foot of E in ONE. Most of the lines and points fade and disappear but the strong point down from the right top of N in CENT remains visible. Cracks form very early around legend and quickly become strong at MER. The final crack is the one from the stem tip down to the dentils under the ribbon loop. The section over AMER shifts outward slightly as the F-MER crack becomes very strong, and those dentils appear shorter as a result. The latest state has an internal cud break connecting the top of AM to the dentils over A.

RARITY 3 (Ten seen in mint state; four have a significant amount of mint red, three more show traces of mint red. Six more seen in About Uncirculated grades.)

DIE STATES:

- a. Reverse uncracked. (Very Rare) (Note: The proof strike mentioned by Breen is a very early business strike of this die state with reflective fields. See Breen-46 and the Jack Wadlington example, Stack's Bowers 7/16/2015:2424)
- b. Reverse cracked around legend. MER crack light.
- c. MER crack strong. Additional crack through stem tip to dentils below ribbon loop.
- d. Section over MER shifted outward creating shorter dentils.
- e. MER crack very strong. Raised retained cud break over AM. (Unique) **PHOTO**



1847

N-5



OBVERSE: (DRN 4 5 4 5 1 3) (Same as N-19, earlier) **84 repunched, clearest over crossbar of 4.** Bottoms of both loops of 8 repunched on inside edge, and both loops show delicate repunching on their outside right edge. The crossbar and base of the 4 show triple repunching on sharp examples. Small lump just left of R and above T; others below left edge of eye. The repunching remains visible, clearest on the crossbar of the 4. Some later examples have the hair over the ear softly struck.

REVERSE: (Similar to N-19, but not the same) **Points up from left base of N in ONE.** Lines and points down slightly to right of vertical at ON in ONE; other smaller points up from E in ONE and tops of CEN in CENT. Strong line down to left from dentils to middle of N in UNITED; lighter one to center of that T. Most of the lines and points fade and disappear but the points up from the left base of N in ONE remain clear. Develops crack from dentils down through second S in STATES and wreath to RIC and dentils. A faint crack also forms from the dentils through UNITE.

RARITY 3+ (Six seen in mint state; two with a significant amount of mint red remaining, two others with traces of mint red still visible. Ten more seen in About Uncirculated grades, more than a dozen in Extremely Fine grades.)

DIE STATES:

- a. Reverse uncracked. (Some have the obverse misaligned to K-10.)
- b. Light crack down through S, wreath, and RIC to dentils at both ends. (Scarce)



1847

N-6



OBVERSE: (DRN 4 5 1 5 1 8) **Sharp point down slightly to left of vertical from earlobe.** Earliest has fine polishing lines down to right covering the fields and a short horizontal line just left of the upper edge of the base of the 4, evidence of repunching on the 4. These lapping lines and the repunching left of the 4 fade very early. Additional repunching is visible longer on the upper right outside edge of the lower loop of the 8 and along the upper edge of the crossbar of the 4, but this also fades. A long spike or strong line slants down to the right from the dentils right of star 6, and it remains visible until the latest state. A sharp line joins the right base of T to its upright. The spike down from the earlobe weakens a bit but remains visible. The earlier states are often seen with significant low spots (from crud on the die), sometimes severely weakening many of the details.

REVERSE: (Same as N-41, later, lapped) Earliest has fine polishing lines down to right covering fields, strongest single line through I in AMERICA. These lines fade and disappear quickly. Always has roughness in the field inside the right side of the wreath, strongest right of E in ONE and top of T in CENT. Often seen with significant low spots in the early state, sometimes severely blunting the details.

RARITY 1 (Eighteen seen in mint state; five of those with a significant amount of mint red remaining, six others with traces of mint red still visible. No mint state examples seen in die state c.)

DIE STATES:

- a. Short horizontal line left of upper edge of base of 4. (Very Scarce)
- b. Repunching left of base of 4 gone. Line from dentils at star 6 clear. (The usual state)
- c. Line from dentils at star 6 gone. (Rare)

1847



N-7



OBVERSE: (DRN 5 5 1 1 2 9) **Tops of 1 & 4 imbedded in bust and curls.** Irregular line down to right from dentils right of star 7. Short lines up to left from upper half of neck. Line down to right from right foot of R; another up to left from left foot of Y. Tiny lumps on neck close to curl under earlobe; stronger one on jaw. The line from the base of R remains clear but the one from Y disappears. The lines from the neck and down from the dentils right of star 7 fade and are barely visible late. Earliest has smooth fields, but they quickly become flowlined. Develops a series of rim cud breaks as described below.

REVERSE: (Same as N-43, later) (Similar to N-20) **Many nearly horizontal lines and points behind ONE CENT, strongest at NE.** These lines and points fade but most remain visible, especially the ones inside the N in ONE and through the top of NT in CENT. The center of the reverse always appears to be bulged outward slightly.

RARITY 2+ (Fifteen seen in mint state; five have a significant amount of mint red remaining, four others have traces of mint red remaining visible. Most of the mint state pieces have rim cuds in states **b** and **c**.)

DIE STATES:

- a. Obverse die unbroken.
- b. Rim cud break at star 1. (Rare) **PHOTO**
- c. Rim cud break at star 1 extends to under 18. (Rare) **PHOTO**
- d. Additional rim cud break star 11 to star 12. (Sometimes weak or missing due to a slight shift in die alignment toward that side of the obverse.) (Extremely Rare) **PHOTO**
- e. Additional rim cud break at star 2 to star 3. (Rare) **PHOTO**
- f. Rim cud break under 18 extends to below upright of 4. (Extremely Rare) **PHOTO**
- g. Rim cud at star 11 extends down to below star 12. (Extremely Rare) **PHOTO**



1847

N-8



OBVERSE: (DRN 5 5 3 4 3 5) **Area along front edge of neck is raised and covered with lines up to left.** Lines at same angle down to right from earlobe and bottom curls, some reaching star 13. Sharp points down from main curl and inner hair bun. The lines and points fade slightly but remain visible, especially the lines from the upper half of the neck. The LI and TY are sometimes weak due to die clogging. A few seen with fine horizontal lines from chin.

REVERSE: (Same as N-12, later) **Always cracked from dentils down through second S in STATES through wreath and RI to dentils.** Other cracks always present at NITED and from base of that T through wreath and TE in STATES to rim above. Lines up to right from tops of RI to dentils, strongest at I. These lines fade and are barely visible late. An additional crack forms from dentils over A to top of ME. Later a small but strong rim cud break occurs at AM followed by another at S-0. Late examples in high grade also may show a tiny lump or cud break on the outer edge of the rim at CA. A diagonal line of tiny rust lumps reaches up from the left top of E in CENT in the later states.

RARITY 3 (One and a half dozen seen in mint state; four a significant amount of mint red remaining, nine have traces of mint red remaining visible. A few of the mint state examples have rim cuds: 3 in c, 2 in d. Six more of the variety seen in About Uncirculated grades.)

DIE STATES:

- a. Without additional crack at ME.
- b. Cracked at ME.
- c. Rim cud break at AM. (Extremely Rare) **PHOTO**
- d. Additional rim cud break at S-0. (Very Rare) **PHOTO**

1847



N-10



OBVERSE: (DRN 5 5 5 2 5) (Same as N-39, later, lapped) **Lump in hollow at corner of mouth.** Small lumps on jawline left of earlobe and in center of bust. Outside edge of diagonal of 4 delicately recut. Earliest has fine polishing lines down to right of vertical covering the fields but these fade quickly. The lumps remain visible as the fields become flowlined.

REVERSE: (Same as N-15, later) **Many nearly vertical lines behind ONE CENT with a stronger line at a slightly different angle down from right top of N in CENT.** Earliest has fine polishing lines down to right of vertical in the fields, strongest below ITE and inside wreath. These fine lines fade and disappear but the strong ones behind ONE CENT remain clear, especially the vertical one up from the left top of O in ONE and strong one down to right from the right top of N in CENT.

RARITY 3+ (Ten seen in mint state; three with a significant amount of mint red remaining, four more with traces of mint red still visible. More than a dozen seen in About Uncirculated grades.)

DIE STATES: All as above.



1847

N-11



OBVERSE: (DRN 6 6 2 3 7 7) (Same as N-32 & 23, later) **Rectangular lump right of eye. Line down from left base of R to hair below.** Earliest also shows faint remnants of the lines and points down from the main curl over the inner curl (seen in the earlier marriages), but these disappear. Lapping during the marriage leaves fine polishing lines down to right in the fields, and these fade quickly. The lump right of the eye and line at R remain clear. Develops a rim cud break right of star 9, followed by another at star 11. Some have the obverse misaligned slightly to K-4.

REVERSE: **Lines join tops of N & I in UNITED to dentils; lighter line connects top of second A in AMERICA to dentils near C.** These lines fade but remain visible. Lapping during the marriage leaves fine polishing lines down to left in fields, but these fade quickly. Die clashmarks often visible along edge of leaf over T in CENT following the lapping. The terminal state has a large rim cud break from below the stem tip to the left top of U.

RARITY 4- (Four seen in mint state; one of those shows a significant amount of mint red, one other has traces of mint red remaining visible. All the mint state examples are in die state **a**. Ten more seen in About Uncirculated grades, a dozen in Extremely Fine grades.)

DIE STATES:

- a.** Obverse unbroken.
- b.** Rim cud break right of star 9. (Extremely Rare) *PHOTO*
- c.** Additional rim cud break at star 11. (Very Rare) *PHOTO*
- d.** Terminal rim cud break from under the stem tip to left top of U. (Extremely Rare) *PHOTO*



1847

N-12



OBVERSE: (DRN 5 5 3 5 8 5) **8 repunched leaving curved line inside upper loop. Long lines down slightly to right of vertical from main curl and inner hair bun.** Points down slightly to right of vertical from jaw. These defects remain clear as a die crack occurs on the rim right of star 9 outlining where a cud break soon forms. Latest has additional thin rim cud breaks from just right of the date to star 12, plus tiny rim breaks under the 1 and 4. These small breaks often do not show, but the strong one right of star 9 is visible even on worn examples. The field near the dentil tips often shows roughness from crud on the die. The tip of the coronet and top of the head occasionally are weakly struck, and the 47 and stars 7-13 are sometimes weak due to die clogging.

REVERSE: (Same as N-8, earlier) **Lines up to right from tops of RI to dentils, strongest at I.** Earliest also has fine die polishing lines at NITE, but these fade quickly. The lines at RI fade but remain visible as cracks develop. The first crack is from the dentils over U through the top of NITED. Later cracks develop from the base of T in UNITED along the wreath and TE in STATES to the rim above, plus a stronger one from the rim over the second S in STATES down through the wreath to RI and the dentils at right. Often comes with strong strike doubling (from die bounce/machine doubling) on portions of the legend and wreath.

RARITY 3+ (Eight seen in mint state; one with a significant amount of mint red showing, four with traces of mint red still visible. Most of the mint state examples are in die state **c**. Eight more seen in About Uncirculated grades.)

DIE STATES:

- a. Both dies unbroken. (Rare)
- b. Crack on rim outlines where lower portion of cud will form on rim right of star 9. Fine crack at NIT eventually reaching ED. (Rare) (The crack on the obverse rim may not show due to wear.)
- c. Rim cud break right of star 9. Reverse die cracks as shown. **PHOTO**

1847



N-13



OBVERSE: (DRN 6 6 5 6 7 4) **lines down to right from main and inner curls.** Short line up to right from inner curl. The line up to right from the inner curl fades and disappears but the ones down to right from both curls remain visible.

REVERSE: **Very strong line down slightly to right of vertical through left side of T in CENT.** Many lighter lines down slightly to right behind ONE CENT. Other relatively strong lines at UNIT and AME. Numerous cracks develop rather early, strongest from rim over first A in AMERICA through top of MER and up to the rim from the left top of the R. Later another crack from the right center of that R extends up to the rim above. Other cracks as shown above, but these never become as strong as the crack at MER. In the latest state, the two cracks to the rim over R outline a small but strong rim cud break. In this state, the section of die over MER is shifted outward and the rim in this area is slightly raised (like a retained cud break). The lines of the early state are still clear in the latest state suggesting the die didn't have much time to wear before it failed and was retired.

RARITY 4 (Fourteen seen in mint state; four of those with a significant amount of mint red remaining, four more with traces of mint red still visible. Another half dozen seen in About Uncirculated grades. Four of the mint state examples are in die state **d**.)

DIE STATES:

- a. Reverse uncracked.
- b. Reverse cracked at MER and down through O in OF along wreath to left base of R.
- c. Additional reverse cracks through legend and wreath with a second crack up to the rim from the right center of R.
- d. Small but strong rim cud break between cracks on rim over R. (Scarce) **PHOTO**

1847



N-14



OBVERSE: (DRN 7 7 3 3 5 4) **Three points down from main curl.** Three tiny dashes to left from earlobe. Line up to left from left end of base of 1 to star 1. Lines to right from dentils left of star 1. These defects fade and most disappear as the die becomes flowlined, but the center point of the three down from the main curl remains visible, although short and weak in latest state.

REVERSE: Three vertical lines down from dentils through O in F to wreath. These lines fade but remain visible as cracks develop early at ITED, ST, TE in STATES, and OF, plus a later one at ME. The line joining the base of the 1 to star 1 is still faintly visible when the final crack at ME forms.

RARITY 3+ (A dozen seen in mint state; five with a significant amount of mint red remaining, four more with traces of mint red still visible. One and a half dozen seen in About Uncirculated grades.)

DIE STATES:

- a. Reverse uncracked. (Very Rare)
- b. Reverse cracked, first at ST and TE in STATES, then through ITED and OF.
- c. Additional crack at ME.
- d. Lines from dentils left of star 1 gone.



1847

N-15



OBVERSE: (DRN 7 6+ 1 3 7 6) **Repunching at right base of 7.** Base of 1 also repunched, but the offset is small and the repunching may not be visible in lower grades. Lines down very slightly to right of vertical from main curl, some reaching inner curl. Early examples have a rather flat lump in field just right of main curl under inner hair bun. The lines and repunching remain visible, especially the repunching at the right base of the 7. Lapping during the marriage adds some fine lines down to right from the jaw to the neck, but these lines fade and disappear.

REVERSE: (Same as N-10, earlier) **Many nearly vertical lines behind ONE CENT with a strong line down to right of vertical from right top of N in CENT.** These lines remain clear with very little if any die wear occurring during the marriage.

RARITY 4+ (Six seen in mint state; two have a significant amount of mint red remaining, the other four have traces of mint red still visible. Six more seen in About Uncirculated grades, ten in Extremely Fine grades.)

DIE STATES: All as above.



1847

N-18



OBVERSE: (DRN 5 5 2 2 I 6) **Date is sharply repunched above, clearest at tops of 8 & 7 (the so-called "large 7 over medium 7" variety).** (See N-2 & 31) Repunching also clearly visible over base of 1, all of 8, and base of 4. Many points and short lines to right at slightly different angles from inner curl, main curl, and hair buns. Lines at various angles from T to hair below. The face and neck are rough and LIBERTY is a bit weak, as usual. (See the discussion of this condition at N-16 of 1846.) The defects fade a bit but remain visible. Develops a rim cud break from star 1 to below right side of 1 in date, followed by another from star 1 up to star 2. The latest state has an additional rim cud break at star 4 to left of star 5. Sometimes seen with extensive low spots (from crud on the die) in the fields and weakening portions of the hair.

REVERSE: **Horizontal lines through ERIC to dentils at right, strongest at IC.** Other perpendicular lines through ERI, strongest inside the E. Horizontal points from NT and wreath at right, strongest from upright of T. Other minor points and fine lines visible in earliest state. Most of the lines and points fade and disappear as the die wears and becomes slightly rough from flowlines. The point to right from T in CENT and line inside the top of E in AMERICA are always visible. Some have low spots covering much of the area inside the wreath.

RARITY 5 (Seven seen in mint state; only one has a significant amount of mint red remaining, two others have traces of mint red still visible. Eight seen in About Uncirculated grades, ten in Extremely Fine grades.)

DIE STATES:

- a. Obverse die unbroken.
- b. Rim cud from star 1 to star 2. (Unique) **PHOTO**
- c. Rim cud breaks from below 1 in date to star 2. (Very Rare) **PHOTO**
- d. Terminal rim cud break at star 4 to left of star 5. (Rare) **PHOTO**



1847

N-19



OBVERSE: (DRN 4 5 4 5 2 5) (Same as N-5, later, heavily lapped) **Repunching along upper edge of crossbar of 4.** Lighter repunching visible at upper right outside edge of lower loop of 8 and above and below base of 4. Without repunching inside the loops of the 8 (as seen in the N-5 marriage). Small lump just left of R, close over T, and under front edge of eye. The repunching fades but remains clear above the crossbar of the 4. The fields become wavy, and most examples display this feature to some extent.

REVERSE: (Similar to N-5) **Point up slightly to left of vertical from leaf below T in CENT, just right of the base.** Early examples have many points and fine lines up slightly to left of vertical at ONE CENT and a light line extending up from the point from the leaf below T. Line just left of C in CENT also shows in early state, and earliest has fine lines connecting the N in ONE to the EN below. Strong line up to right from right top of I in AMERICA to dentils. Most of these lines and points fade and disappear, but the point from the leaf under T in CENT is always visible.

RARITY 1 (Fourteen seen in mint state; four with a significant amount of mint red remaining visible, five others with traces of mint red still visible. Another dozen seen in About Uncirculated grades.)

DIE STATES:

- a. Fine lines connect N in ONE to EN in CENT. (Scarce)
- b. Lines connecting N to EN gone. (The usual state)

1847



N-20



OBVERSE: (DRN 5 5 3 3 2 5) **Short bar between bases of T & Y. Lines up to left at neck and throat.** The lines at the throat extend through the chin into field at left in earlier states. Curved line on neck joins the two curls on neck under the earlobe. Small lump on bottom edge of jaw. The field is smooth early but quickly becomes rough and flowlined. The defects fade but some lines are always visible at the throat and the bar at TY remains clear.

REVERSE: (Similar to N-7 & 43) **Lines down slightly to right of horizontal inside NE in ONE.** Line from leaf below E in UNITED passes up through that letter. These lines fade but most remain visible, especially the ones at NE. The field outside the wreath becomes rough and flowlined, but not as rough and the obverse. The bottom edge of the ribbon loop and top of U sometimes strongly doubled (from die bounce).

RARITY 3 (Twenty seen in mint state; five of those have a significant amount of mint red, eight others have traces of mint red still visible.)

DIE STATES: All as above. The only discernable difference is the amount of roughness from flowlines, and there is no clear line to differentiate between die states. However, the early and late states have vastly different surfaces. The earliest examples have smooth, reflective fields while the later examples have strongly flowlined fields. Only a few have been seen with reflective fields, and two of those are in mint state.

1847



N-21
N-40



OBVERSE: (DRN 6 6 2 3 8 5) Fines lines up to right from main and inner curls; others down to right from inner curl. Fine lines up to left from neck, mostly at throat. Curved line under left pendant of T. Lump in field just left of star 1 and a large flat spur into field from dentils at star 2, both hub defects seen on the early state of many varieties, but they are especially strong on the early state of this variety. The lines and hub defects fade and most disappear, but a faint trace of the hub defect left of star 2 remains visible (these hub defects **should not** be used as definitive attribution points). The curved line under the pendant of T remains visible and is the best attribution point for this die in the later states.

REVERSE: Line down to right from left top of N in CENT to center of the left upright of that letter. Early examples have many lines down to right in the fields, strongest from leaf below up toward the first S in STATES, at tops of F-AM (incorrectly described by Newcomb as a die crack), and from dentils over first T in STATES down through wreath and left side of N in CENT to wreath below, strongest on left side of that N. Other parallel lines at different angle at ERIC. Strong line parallel to stem joins ribbon to first outside leaf on left. The lines fade and disappear, but a dull remnant of the line from the left top of N in CENT to its left upright remains visible. Develops a crack from dentils over A through top of ME exiting from near the center of the top of the E and extending to dentils over R (Newcomb's #40). (This crack is similar to the crack seen on the later states of N-24; that crack exits from the **right** top of the E.)

RARITY 1 (One and a half dozen seen in mint state; eight of those have a significant amount of mint red remaining visible, four others have traces of mint red. Most of the mint state examples seen are in die state **b**. Many more seen in About Uncirculated grades.)

DIE STATES:

a. Reverse uncracked.

b. Reverse cracked at ME (Newcomb's #40). (Some seen with a large low spot on the obverse.)

1847



N-22



OBVERSE: (DRN 6 6 1 3 1 4) Usually cracked from dentils below star 1 into field right of star 1. Short lines up to left from neck and bust. Small lumps scattered on face and neck, strongest on forehead below B, just below eye, and close to middle curl on neck. Crack occurs very early from dentils under star 1 into field, eventually reaching neck. Later another crack forms from the dentils to star 8 eventually reaching the hair and a strong one from the dentils to the left base of the 1 and through the 1 to the bust. A final crack joins stars 13 and 12 to the dentils right of star 11. Field becomes flowlined as the lines from the neck fade. Latest has the section of rim between the two cracks under star 1 slightly raised as a retained cud.

REVERSE: Long, sharp line over RI; spike down to left from dentils through left top of that I. Rough, irregular line from dentils into field off stem tip. Lump on bottom (not base) of I in UNITED and another on the rim between the U and ribbon tip. The lines of the early state fade slightly but remain visible as crack develops from A through top of MER to dentils over I, strongest from R to dentils. Latest has an additional crack from dentils through top of UNITE.

RARITY 3+ (Thirteen seen in mint state; seven have a significant amount of mint red remaining, three others have traces of mint red still visible. A dozen more seen in About Uncirculated grades.)

DIE STATES:

- a. Both dies uncracked. (Very Rare)
- b. Cracked into field from dentils below star 1.
- c. Fine crack from dentils to star 8, then a strong crack from dentils to left base of 1.
- d. Cracked through UNITE and MER. Cracks below star 1 reach neck and bust.
- e. Crack at star 8 reaches head. Cracked stars 13-12 to dentils at star 11.
- f. Section of rim between cracks under star 1 slightly raised as retained cud. (Very Rare).



1847

N-23



OBVERSE: (DRN 6 6 2 3 7 7) (Same as N-32 & 11, later than N-32, earlier than N-11) **Rectangular lump right of eye. Strong line down to right from left base of R to hair below.** Other lines at different angles from base of R to hair. Many points or short lines down slightly to right from main curl. The lump and lines at R remain clear. The points and lines from the main curl fade but remain visible over the inner curl.

REVERSE: (Same as N-17 of 1846, later) **Always cracked from dentils through top of MERI.** Weaker crack always present from dentils through top of ATE. Lines down from leaf to right top of E in ONE. Dull spike down to right joins dentils between A & M. Dull points up to right inside left of C in CENT; another down to left from upright of that E. The lines and points fade and disappear as additional cracks develop: first from the dentils through OF and later from the dentils through the top of ITED. A faint crack from the leaf tip under the second S in STATES is sometimes visible passing through the base of that S to the O in OF. The section of rim between the cracks over AM shifts inward slightly, and later a small triangular rim cud forms over the second S in STATES. The section of rim over AM that is bordered by the cracks sinks slightly. This sunken retained cud break at AM has been reported raised into a full cud break, but an example has yet to be verified.

RARITY 5 (A half dozen seen in mint state; only one has a significant amount of mint red remaining, a couple more have traces of mint red showing. Four more seen in About Uncirculated grades, eight in Extremely Fine grades. No mint state examples seen in die states **a** or **e**.)

DIE STATES:

- a.** Reverse die cracks at MERI and ATE (as seen on the late state of N-17 of 1846).
- b.** Additional crack from dentils through top of OF.
- c.** Additional crack dentils through ITED.
- d.** Section of rim between cracks over AM shifted slightly inward (later sunken).
- e.** Triangular rim cud break over second S in STATES. (Very Rare) **PHOTO**



1847

N-24

N-9

N-25



OBVERSE: (DRN 6 6 3 3 8 4) **Irregular crack from dentils to base of 4.** Early examples have the fields covered with strong, rough lines down to right at various angles, strongest at throat, neck, around date, and behind head. Dull lumps on front edge of chin. Lapping removes most of the lines, but traces of the lumps remain visible, along with short lines down to right from the main curl (Newcomb's #9). The lapping leaves fine, nearly vertical polishing lines in the fields, clearest around the date and star 13, and changes the date reference number to 6 6 4 4 8 4. The crack to the base of the 4 became more obvious when the lines of the early state were removed. A later lapping severely weakens the short lines and points from the main curl and the crack to the 4, and it makes the date digits slightly thinner (Newcomb#25).

REVERSE: Earliest has fine lines at different angles at UNI and another from dentils to D. Lapping removes these lines and leaves fine polishing lines down to right in fields, strongest down through first Tin STATES to berry below. Crack develops from dentils through top of ME. Additional fine cracks form at TE in STATES, OF, RIC, and down through O to leaf.

RARITY 1 (Three dozen seen in mint state; a dozen of those show a significant amount of mint red, another dozen have traces of mint red. Most of the mint state examples are in die states **a** & **c**. One mint state example seen in die state **d**. One of the easier varieties of 1847 to find in mint state.)

DIE STATES:

- a.** Obverse fields covered with strong lines down to right.
- b.** Lines in obverse fields lapped away. Short lines down to right remain visible from main curl above inner curl. (Newcomb's #25)
- c.** Cracked from dentils through top of ME. (Newcomb's #25)
- d.** Additional fine cracks show at RIC, then TE in STATES and OF. (Newcomb's #9)

Note: Newcomb's #25 (and the proof strike he described) are business strikes from freshly lapped dies late in the marriage. The crack to the base of 4 and the reverse cracks are present but very faint due to the polishing, and they become more obvious as the dies continue to wear. In August of 2009 I examined the proof "N-25" in the ANS Collection, still in the Newcomb collection box, and it is N-42.



1847

N-26

N-17



OBVERSE: (DRN 7 7 4 5 5 5) (Same as N-36, earlier) **Line down from dentils right of star 10,** a lighter line up from dentils above. Fine lines from top of 1 toward bottom of 8, and sharp examples show a small lump on cheekbone. The lines from the 1 to 8 fade and disappear early, the one down from the dentils at star 10 becomes shorter but remains visible. Fields become rough like fine sandpaper. Lapping removes much of the roughness, but some if it remains in a slightly raised area before the profile and in the field at 18 and stars 1-5. The lapping leaves a fine line down to right from the curl over the right side of the 7, but this line fades.

REVERSE: Earliest has a fine line from dentils to left top of A in AMERICA. Small lump on left side of junction of left base and upright of N in ONE. Crack forms early through top of TED to rim over S. Additional cracks occur at TE in STATES, MER, UNI, and a final faint one at ST. Lapping leaves lines from the dentils to the tops of UN, A in STATES, and RIC, with a long line from E in ONE through wreath and I in AMERICA to dentils. These lapping lines fade and disappear as rim cud breaks form at ES-OF-A (Newcomb's #17). See below for a sequence for the rim cuds.

RARITY 3+ (Sixteen seen in mint state; five of those have a significant amount of mint red remaining, seven more have traces of mint red still visible. Many more seen in About Uncirculated grades. All of the mint state examples seen are in die state **b** or **c**.)

DIE STATES:

- a. Reverse uncracked. (Rare)
- b. Cracked at TED to rim over S.
- c. Additional reverse die cracks at TE in STATES, MER, UNI, and a faint one at ST.
- d. Strong rim cud at OF-A (right end of cud slants up to left). (Rare) (N-17) **PHOTO**
- e. Right end of rim cud at OF-A slants up to right. (Rare) (N-17) **PHOTO**
- f. Additional rim cud over E in STATES. (Very Rare) (Newcomb's #17) **PHOTO**
- g. Additional rim cud over second S in STATES. (Very Rare) (N-17) **PHOTO**



1847

N-27



OBVERSE: (DRN 7 7 3 5 5 8) (Same as N-4, later) **Repunching under base of 1, strongest under upright.** Repunching also visible above top and under peak of 1, and on all of 8, clearest under its base. The repunching fades but remains clear under the upright of the 1. (See N-30 & 43)

REVERSE: (Same as N-32 of 1848, earlier) Dull, flat point or spur up from leaf toward right edge of right foot of M. Fine lines from dentils down to left to tops of ERI. Field is raised over ICA. Earliest also has a short point up from right top of N in ONE. All states have an elongated lump on the outer edge of the rim at the left edge of U. The lines at ERI fade and disappear early, the point from N in ONE disappears later. Develops cracks rather early down through the second S in STATES and the wreath to RI and the dentils above, plus one from the dentils over A to the top of M.

RARITY 4 (Eleven seen in mint state; four with a significant amount of mint red showing, five more with traces of mint red still visible. Ten more seen in About Uncirculated grades.)

DIE STATES:

- a. Reverse uncracked. Lines at ERI visible.
- b. Reverse uncracked. Lines at ERI very dull or gone.
- c. Reverse cracked down through second S in STATES and wreath to RI and dentils above; later from dentils over A to M.



1847

N-28



OBVERSE: (DRN 4 5 3 5 2 6) **Vertical lines down from ER and ear. Repunching under crossbar of 4 right of upright.** Lines up to left from neck, upper ones reaching chin. The lines and repunching fade slightly but remain visible and the field becomes slightly rough around the date and most stars.

REVERSE: (Same as N-25 of 1846, later) **Crumbling joins tops of C & E in CENT. Crumbling joins dentils under stem tip and fills lower portion of N in UNITED.** Tops of AMERIC and leaves below usually show strike doubling. Earliest has fine lapping lines down to right in fields, clearest at UNITE, F-AMER, and at ribbon end. These fine lines disappear quickly. Very fine cracks occur early in the marriage through top of legend as shown, but the se show only on sharp examples and become lost in roughness and crumbling. Two faint lines up at different angles from top of E in AMERICA to dentils. The die sinks and develops additional crumbling, first at U and E in UNITED. Latest has crumbling in much of the legend outside the wreath and a series of rim cud breaks at TATE as outlined below.

RARITY 4+ (Eight seen in mint state; four show a significant amount of mint red, three more have traces of mint red still visible. A dozen more seen in About Uncirculated grades.)

DIE STATES:

- a. Reverse uncracked. (Some have a low spot left of star 11.)
- b. Faint cracks around reverse legend as shown. First crack is at OF.
- c. Crumbling on top of U.
- d. Small rim cud break at AT in STATES. (Extremely Rare) **PHOTO**
- e. Rim cud break expands to over ATE. (Extremely Rare) **PHOTO**
- f. Rim cud break now covers TATE. (Extremely Rare) **PHOTO**

1847



N-29



OBVERSE: (DRN 5 5 4 4 1 3) **Diagonal line joins R & T.** Vertical lines down from main curl. These vertical lines fade and most disappear, but traces remain visible from the main curl over the inner curl. The line at RT remains clear.

REVERSE: **Strong, dull point up from right top of N in CENT, another up from left foot of E in ONE.** Other lines and points at same angle at E in ONE, from the leaf under T in CENT, and from the leaf under second T in STATES. Earliest has sharp lines down to right in fields, strongest single line through right side of N in ONE. Lines down to right from dentils to UN, others down to left from dentils to RIC. Cracks occur very early (while the fine die lines are still clear) through top of UNITED, AMERIC, and dentils over U through UN and feet of ITE. The crack at UNITED extends eventually to the dentils over S. Some have legend strongly doubled from die bounce/machine doubling.

RARITY 3 (Eight seen in mint state; three with a significant amount of mint red remaining, four more with traces of mint red still visible. Ten more seen in About Uncirculated grades.)

DIE STATES:

- a. Reverse uncracked. (Very Rare)
- b. Cracked dentils through top of AMERIC.
- c. Additional crack through top of UNITED.
- d. Crack at UNITED extends to dentils over adjacent S.



1847

N-30



OBVERSE: (DRN 4 5 3 3 2 6) (Same as N-43, later) **Clear repunching under base of 1 extending its entire length.** Small points down to right from bottom of inner hair bun. These points fade and disappear. The repunching under the 1 fades but remains visible. (See N-4 & 27)

REVERSE: Earliest has a dull line down from dentils tangent to left side of second S in STATES. Lines up to dentils from tops of ERI, strongest at R. The line to S fades and disappears; the ones at R fade but remain faintly visible. Develops a small lump on upper edge of ribbon loop very early, and this lump is the best attribution point in all but the earliest die state. Latest has a large rim cud break under the stem tip and ribbon loop.

RARITY 4 (One seen in mint state and it has traces of mint red remaining. Seven more seen in About Uncirculated grades, twelve in Extremely Fine grades.)

DIE STATES:

- a. Without lump on ribbon loop. (Rare)
- b. Lump on ribbon loop.
- c. Rim cud break under stem tip and ribbon loop. (Extremely Rare) **PHOTO**



1847

N-31



OBVERSE: (DRN 4 4 3 3 4 7) (Same as N-2, later) **Date repunched, clearest over top of 7. The so-called large 7 over small 7.** The repunching is weaker than in the earlier marriage (N-2) but the repunching over the top of the 7 is clear. The 7 is strongly punched into the die when compared to the other digits, and it appears fat as a result. Fine line down through R, which fades and is barely visible late. The lump under star 13 seen on N-2 is gone in this marriage. (See N-18)

REVERSE: (Same as N-39, earlier) **Point up from inside bottom of O in ONE.** Other points up from NE and CE. Fine line up from left edge of berry left of C. The line left of C fades and disappears and the points fade, but the one inside the bottom of the O remains visible. Cracks develop rather early, first from dentils through MER. Additional cracks form later, first from the dentils through UNITED, then through TES, and the latest one is from the dentils through ST, strongest at S.

RARITY 5 (Two seen in mint state and both have generous traces of mint red remaining visible. Four seen in About Uncirculated grades, seven more in Extremely Fine grades.)

DIE STATES:

- a. Reverse uncracked. (Very Rare)
- b. Cracked through top of MER.
- c. Additional cracks, first at UNITED, then at TES.
- d. Final crack at ST (clearest from dentils to S).



1847

N-32



OBVERSE: (DRN 6 6 2 3 7 7) (Same as N-23 & 11, earlier) **Rectangular lump right of eye.** **Lines at different angles from R to hair below.** Lines down slightly to right of vertical from main curl and inner hair bun; a few lines up to right from inner curl to main curl. The lines from the curls fade and remain visible as long points from the main curl in latest state.

REVERSE: **Strong line down to left from dentils to center of R in AMERICA.** Lighter line down to right from dentils to top of that R, another down to left to left side of that C. Fine lines over UNI. Light diagonal line connects O & N in ONE. The fine lines fade and disappear but the strong one to right from the R to dentils remains visible. Develops cracks at M, OF, TE in STATES, and a final one at ER to dentils over I. Latest has a rim cud break at TES.

RARITY 4 (Ten seen in mint state; four of those have a significant amount of mint red, five others have traces of mint red still visible. Ten more seen in About Uncirculated grades.)

DIE STATES:

- a. Reverse uncracked.
- b. Cracked dentils to M.
- c. Additional crack dentils to OF.
- d. Additional crack dentils to TE in STATES.
- e. Final crack ER to dentils at right.
- e/f. Crack on rim outlines the left end of a rim cud forming over TES. (Unique)
- f. Rim cud break over TES. (Rare) **PHOTO**

1847



N-34



OBVERSE: (DRN 3 4 5 7 3 6) (Early state DRN is 3 4 4 5 2 4) The early state has top of 1 close to bust and the top of the 4 moderately distant from the curl above. The strike is often weak in the early state, but the die is soon heavily lapped. The lapping left fine lines down to right covering the fields, strongest from the top and bottom of the hair buns and from the lowest curl to the upper right point of star 13. These lapping lines fade and disappear. In this lapped state (which is the state normally seen), the top of the 1 is no longer close to the bust and the top of the 4 is distant from the curl above. The date digits are much thinner in this lapped state.

REVERSE: Fine lines down to right inside E in CENT. Dull point down to right from left top of N in CENT. Small lumps on the ON in ONE and E & T in CENT. Earliest has fine lines at same angle as the ones inside the E in CENT filling the area at CEN, field below CE, and the field at UNIT. In this early state the area at the dentils under the ribbon and stem is slightly raised and beveled from the dentils down into the field. The die is lapped early in the marriage removing all these defects except for the fine lines inside the E in CENT, the point from that N, and the lumps. A fine crack develops soon after the lapping from the dentils through D across the top of the wreath and through E in AMERICA to the dentils over R. This crack is very faint at first, strongest at the berry under the first Sin STATES and where it connects the berries over N in ONE. Latest state has additional fine crack from dentils to TE in STATES.

RARITY 5 (Two seen in mint state; one of those has a significant amount of mint red remaining. Only a single About Uncirculated example seen, none in Extremely Fine grades, and 20 in Very Fine grades. The finest seen in die state a grades VF30.)

DIE STATES:

- a. Dies unlapped and uncracked. Top of 1 close to bust. (Often weakly struck) (Rare)
- b. Dies lapped. Top of 1 and 4 farther from bust and curl. Reverse uncracked. (Rare)
- c. Reverse cracked through D and wreath to E and dentils over R. (The usual state)
- d. Additional fine crack from dentils through tops of TE in STATES. (Some have strike doubling/machine doubling on the right side of the reverse.) (Rare)



1847

N-35



OBVERSE: (DRN 7 7 4 4 7 6) **Lines down slightly to right of vertical from main curl and inner hair bun.** Lines up to left from neck; shorter ones down to left from throat. Lump on bust over tip of curl. The lines fade but most remain visible, especially the ones down from the main curl. Later states have a fine crack through the base of the date extending to dentils at left and right in latest state. The hair at the ear usually is weakly struck, especially in the later die states. Some later examples also have severe blunting from low spots caused by crud on the die. A series of shallow rim cud breaks are visible on some later examples (see sequence below).

REVERSE: (Same as N-16 of 1846, later) Small lump on base of C in CENT. Fine line down to left from dentils to top of E in AMERICA. The line to E fades and disappears rather early. Die cracks form through UNITED, ST, and TE in STATES.

RARITY 3+ (Eight seen in mint state; three of those have a significant amount of mint red remaining, one other has traces of mint red still visible. One mint state example is in die state **a**; none in states **d**, **e**, or **f**. Another half dozen seen in About Uncirculated grades.)

DIE STATES:

- a.** Both dies uncracked. (Rare)
- b.** Cracked through UNITED and ST as shown.
- c.** Cracked through base of date, eventually reaching dentils at left and right. Additional crack from dentils through top of TE in STATES. (Hair at ear usually softly struck.)
- d.** Shallow rim cud break from star 4 to star 5 (Extremely Rare) **PHOTO**
- e.** Additional shallow rim cud break at star 12. (Extremely Rare) **PHOTO**
- f.** Smaller rim cud shows at star 13 (Extremely Rare) **PHOTO**

1847



N-36

OBVERSE: (DRN 7 7 5 6 6 7) (Same as N-26, later) **Field is rough like fine sandpaper and field near profile is slightly raised.** Roughness is strong in field at 18 and stars 1-5. Short, dull lapping line down to right from curl over right side of 7. Small lump high on cheek. The date digits are thin and relatively weak, especially the 84.

REVERSE: (Same as N-37, earlier) **Many points up from top of CENT, strongest single point up from the center of the top of the E, plus a strong one down from right top of that N.** Other points up and down from ONE CENT plus a couple fine lines up to left from left base of E in CENT. The points are strong and clearly visible on worn examples. (These points are similar to the ones seen on N-10 & 15, but they are in slightly different places.) Earliest has fine polishing lines down to right in the fields, strongest at UNI, ATES, MERICA, and inside wreath, but these fade quickly. (This variety usually comes in such low grades that the fine lines would not be visible anyway.)

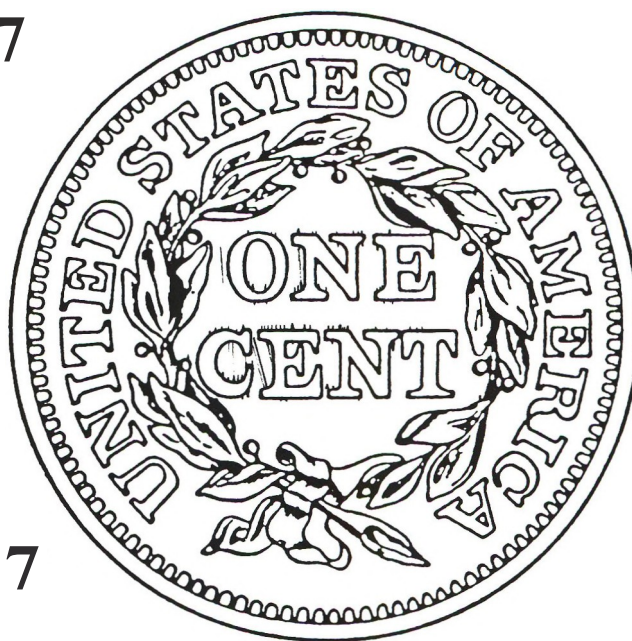
RARITY 5+ (Unknown in mint state. The finest seen are four pieces that grade Extremely Fine followed by ten in Very Fine grades. Most seen grade below VF20.)

DIE STATES: All as above. (A few seen with the obverse misaligned to K-4.5)

1847



N-37



OBVERSE: (DRN 7 6+ 3 5 5 5) (Same as N-41, earlier) **Two short lines down to left from eyebrow left of eyelash.** Small, elongated lump slants down to right in hollow right of lower lip. Two lines join dentils at their tips over star 7. Several fine lines down to left on neck from junction of curls. Lapping weakens the lines at the dentils over star 7 and adds fine polishing lines down to right of vertical in the fields, strongest from the bottom of the inner hair bun, curls over the date, and up from the outer point of star 10. The lines from the eyebrow, ones on the neck, and the ones at the dentil tips over star 7 remain visible as the lapping lines fade and disappear. LI, RTY, and star 5 sometimes weak from die clogging.

REVERSE: (Same as N-36, later, lapped) **Many points up from top of CENT, strongest point from center of top of E. Another strong point down from right top of that N.** Other points up and down from ONE CENT and a couple fine lines up to left from left base of E in CENT. Earliest has fine die polishing lines in fields, strongest down to right of vertical at UNITE. Always seen with lump on body of leaf under upright of D; another on body of leaf over stem tip. The points fade slightly but the stronger ones remain clear. Often seen with extensive low spots inside wreath.

RARITY 1 (Seven seen in mint state; two of those showing a significant amount of mint red, four others have traces of mint red still visible. Fifteen more seen in About Uncirculated grades.)

DIE STATES: All as above.



1847

N-38

N-16



OBVERSE: (DRN 7 7 4 4 7 6) Fine lines down to left from bases of E & R; tiny dash right of Y. Early examples have fine lines down to right from main and inner curls, and these are crossed by other lines up to right from those curls. Tiny lump on top edge of outer hair bun. Tiny lump on cheek right of nostril; another high on neck. The lines from the curls fade and disappear. Die clashing leaves a large rectangular lump at the junction of the neck and bust, plus other clear clashmarks at the throat, chin, and lower lip (Newcomb's #16). Latest state has these clashmarks weakened by lapping, but the one at the base of the neck remains faintly visible. In the latest state the date reference numbers are altered slightly to 7 7 5 5 7 6 and the digits are thinner thanks to the die lapping.

REVERSE: Line up slightly to left of vertical joins top of ribbon to leaf just left of stem.

Point up from right top of T in CENT. Line from tip of ribbon down to dentils, another line joins leaves under N in UNITED, and several fine lines down to right from berry left of C in CENT. The field over ICA is slightly raised, sloping down from the dentils into the field. The line joining the ribbon to the leaf left of the stem remains visible as the other defects are lapped away, the point up from T in CENT the last to go. Die damage leaves dull lines or waves from the right base of D, joining the bases of ST, and connecting the tops of AT. These waves fade and disappear and a fine crack forms from the leaf below E in UNITED along wreath up through the second S in STATES and O in OF to the dentils above. Often has strike doubling/machine doubling visible on the legend.

RARITY 1 (Three dozen seen in mint state; more than a dozen of those showing a significant amount of mint red, many more have traces of mint red still visible. This die variety of 1847 is the easiest one to find in mint state.)

DIE STATES:

- a. Obverse unclashed. Fine lines from inner and main curls. (Scarce)
- b. Obverse unclashed. Lines from curls weak but visible. Dull waves at D, ST, and AT.
- c. Obverse clashmarks clear. Obverse and reverse lines and waves of state **b** gone. (N-16)
- d. Obverse clashmarks weak. Reverse crack through S and O to dentils. (N-16)



1847

N-39



OBVERSE: (DRN 5 5 5 5 2 5) (Same as N-10, earlier) **Round lump in hollow at corner of mouth.** Other smaller lumps on bust and jawline left of earlobe. The usual hub defects at the dentils are strong on this variety, but these hub defects should not be used as the only attribution point. Develops some roughness around the inner curl. The lump at the corner of the mouth remains clear. Some in state a have a low spot that weakens the 84 and curl above.

REVERSE: (Same as N-31, later, lapped) **Small point up from inside bottom of O in ONE. Cracked from dentils through top of MER.** Other cracks always present through top of UNITED, ST, and TE in STATES. Early examples also have two fine parallel lines down from dentils through first T in STATES to right top of E in CENT. Other small points up from left base of E in ONE and top of E in CENT. The lines and points fade and most disappear, but the point up from the inside of the O in ONE remains visible. The cracks are more difficult to see in the latest state due to minor roughness and flowlines. Strike doubling/machine doubling often shows on much of the legend.

RARITY 3- (Twenty seen in mint state; four with a significant amount of mint red remaining, six more with traces of mint red still visible. Many seen in About Uncirculated grades.)

DIE STATES:

a. Parallel lines down through O in ONE clear.

b. Parallel lines down through O in ONE gone. The die crack connecting the tops of the T & E in UNITED becomes strong in latest state.



1847



(N-41)

OBVERSE: (DRN 7 6+ 3 5 5 5) (Same as N-37, later) **Two short lines down to left from eyebrow left of eyelash.** Elongated lump down to right in hollow right of lower lip, but the lump isn't as strong as it was in the earlier marriage. Two lines connect dentil tips over star 7. Earliest has fine polishing lines down to right of vertical in the fields, strongest in front of face. Minor roughness around inner curl. The fine lines on the neck visible in the earlier marriage are not visible. The lines fade and most disappear, but the lines down from the eyebrow remain visible.

REVERSE: (Same as N-6, earlier) **Small lump on right top of T in CENT.** Earliest has a fine line joining the bases of U & N. Stronger lines from right top of that N to dentils over I and another from dentils down to right to right top of E in AMERICA. Sharp line joins ribbon to leaf left of stem (this line much farther left than on N-38). The line joining the bases of U & N disappears quickly, the one connecting the ribbon to the leaf soon after. The line from the top of N in UNITED fades later, and the one from E in AMERICA is visible until the latest state. Latest has sandpaper roughness in the field right of E in ONE and near leaf down to right of T in CENT. Lump on top of T in CENT always visible.

RARITY 4- (Three seen in mint state; two of those with a significant amount of mint red remaining, one more with traces of mint red still visible. All the mint state examples seen are in die state **b**. Only three seen in About Uncirculated grades but many in Extremely Fine grades.)

DIE STATES:

- a. Line joins bases of U & N. (Scarce)
- b. Line at UN gone. Line at E in AMERICA clear. (The usual state)
- c. Line at E in AMERICA gone.



1847

(N-42)

PROOF ONLY



OBVERSE: (DRN 7 6 4 5 7 5) **Proof only.** Dull, nearly vertical lines from inner curl to main curl, with a stronger line up to left of vertical from tip of inner curl nearly reaching main curl. Dull line down slightly to right of vertical in field near upper portion of main curl. Short points down to left from jaw; others up to left from neck at throat. Both ends of the bases of the 1 & 4 are weak as if the die was clogged. (Similar to N-13, and lot 340 in the Abe Kosoff 4/1956 auction of the Beckwith-Morgan-Clarke-Naftzger example was misattributed as N-13 proof.)

REVERSE: (Same as N-8 of 1844, et al.) **Irregular die scratch on rim at TED.** The depth of field is shallow due to excessive die polishing. See the note at N-8 of 1844.

RARITY 6+

DIE STATES: All as above.



1847

(N-43)



OBVERSE: (DRN 4 5 3 3 2 6) (Same as N-30, earlier) **Base of 1 strongly repunched below its entire length.** Peak of 1 triple punched but the offset is very small. Small point down to right from upper portion of main curl. Many fine lines to left from right foot of R and left foot of T. Elongated lump on tip of bust.

REVERSE: (Same as N-7, earlier) **Many nearly horizontal lines and points at ONE CENT, strongest at NE and NT.** A few lines at same angle connect N and E in UNITED to wreath below. Many fine lines at different angles over UNITED, strongest to left tops of T and D. A few stronger lines at different angles down to right from dentils to tops of MER, strongest to left top of E. (Similar to N-20, but the lines at NE are in slightly different places.)

RARITY 8+ (Unique. This cent is graded VF25 by PCGS and F15 by early copper specialists. The last recorded public sale was as lot 2458 in the Jack Wadlington (Twin Leaf Collection) sale, Stack's Bowers 7/16/15.)

DIE STATES: All as above. *PHOTO*

Note: This variety was discovered by Fred Borchardt in 1989 and reported to the membership of the Early American Coppers Club (EAC) in September of that year. In the following years the variety has been included in *The Cherrypicker's Guide to Rare Die Varieties*. To date, no additional examples have surfaced, even though it is very easy to attribute with bold attribution points.

1848

33, 8, 21	3 5 3 5 5 5	
(46), (44), 32, 6	3 5 5 5 8 7	
7	3 6 2 3 5 8	
20	3 6 3 3 7 8	
26	3 6 5 5 7 8	
19	3 6 6 5 7 6	Proof Only
16	4 7 3 3 2 6	
17	4 7 4 4 3 5	
22	4 7+ 3 3 3 6	
31	4 7+ 5 5 3 4	
9	4 8 4 5 8 6	
35	5 8 2 2 1 6	
10	5 8 3 3 1 5	
1	5 8- 4 3 3 7	
27	5 8 4 4 8 5	
18	5 8 5 5 8 4	
(41)	5 8+ 3 4 7 6	
25	5 9 2 3 1 6	
(36)	5 9 4 4 1 5	

1848

11, 30	5 9 5 6 8 5
23	5 9 6 6 1 4
(37), 24	6 9 4 5 7 4
2, (40)	7 9 3 3 4 6
12	7 9 4 3 8 5
3	7 0 2 2 5 6
15, (42)	7 0 3 4 6 6
13, 28	7 0 4 5 3 4
34	7 0 4 5 3 5
5, (38), (39)	8 0 5 5 3 4
29	8 0 5 6 4 8
4	8 0 6 6 7 6
14	9 0 6 4 2 4

Varieties Delisted

- (N-43) Early state of N-30
- (N-45) Early state of N-2

Note: Newcomb included a Small Date version of 1848 in his reference. These were struck outside the mint from dies that were reasonably good copies of the Braided Hair type. I have examined eleven of these. The finest seen is the Naftzger:900 example graded AU55 by PCGS (Goldberg 9/7/2009, EAC grade VF35). Only two of the eleven examined grade better than Fine. Several were struck more than once and two were struck over genuine large cents.



1848

N-1



OBVERSE: (DRN 5 8 4 3 3 7) **Repunching on 4, clearest inside the diagonal.** Additional repunching shows as a vertical line bisecting the crossbar right of the upright. Earliest has strong repunching on right sides of 184, but lapping removes most of this leaving the repunching at 4 just described. The vertical repunching on the 4 fades and disappears. The repunching inside the triangle of the 4 remains visible until the latest state, but it also disappears. Small lumps on the jawline at the earlobe with some others on the cheek and neck and inside the ear.

REVERSE: (Same as N-39 earlier) Small lump on top of O in ONE, a longer one on its left edge. Small lump on left side of N in ONE. Earliest has fine polishing lines in field at UNI, strongest over left top of U, but these fade and disappear. A lump forms on top of the E in CENT very early. Develops minor roughness in field at right top of E in ONE.

RARITY 1 (A dozen seen in mint state, all in die states **b** or **c**; three with a significant amount of mint red remaining, five others show traces of mint red. A dozen more seen in About Uncirculated grades.)

DIE STATES:

- a1.** 184 strongly repunched to right. Without lump on top of E in CENT. (Very Rare)
- a2.** 184 strongly repunched to right. With lump on top of E in CENT. (Rare)
- b.** The strong repunching on 18 lapped away. Traces remain up from right foot of I and inside upper loop of first 8. Repunching on 4 clear.
- c.** Repunching at 1 & 8 completely gone. Repunching inside triangle of 4 clear.
- d.** Repunching inside triangle of 4 gone. (Very Rare)



1848

N-2



OBVERSE: (DRN 7 9 3 3 4 6) (Same as N-40, earlier) **The 1 is strongly repunched with a clear extension of upright below its base and a weaker line under the peak.** First 8 also repunched with a small offset. The first 8 is partially filled with crumbling between the upper and lower loops on the left side. Sharp examples show nearly straight lines on cheek left of ear that form a crude boomerang. A couple small lumps on cheek under the boomerang, lighter ones on center of neck. Small lump close over right foot of R. Earliest has fine polishing lines down to right covering the fields. Crumbling soon fills the left outside notch of the loops of the second 8. The fields become rough and flowlined, then are lapped leaving fine polishing lines down to the left. Repunching under the peak of 1 is faint in latest state; bold under the base.

REVERSE: (Similar to N-40) **Point down from leaf at right top of E in ONE;** three others down from base of that E, the strongest under right center of upright (N-40 has a point under left center of that upright). Point down under right pendant of T in CENT, others from top and bottom of that C. Two points down from berry under R in AMERICA. Line inside top of E in UNITED. Lumps on the O & N in ONE. Earliest has fine polishing lines down to right, strongest at UNITED. Lapping removes all but a few remnants of the points and leaves a fine line at STA, which quickly disappears. Dull remnants of the point down from the leaf at E in ONE and point down from inside top of C in CENT remain visible. Crack occurs from dentils at CA through A to stem and around wreath to leaf below ES through F-AM and dentils over E.

RARITY 1+ (Thirteen seen in mint state; four of those have a significant amount of mint red remaining, six others have traces of mint red still visible. No mint state examples seen in die state **a**. Ten more seen in About Uncirculated grades.)

DIE STATES:

- a.** Second 8 not crumbled at outer left junction of loops. (Rare) (Reiver's N-45)
- b.** Crumbling at junction of loops on outside left side of second 8. (Reiver's N-45)
- c.** Points down from base of E in ONE gone or very faint.
- d.** Cracked at CA to stem and around wreath to F-AM to dentils over E.



1848

N-3



OBVERSE: (DRN 7 0 2 2 5 6) **Repunching to left of all digits in date, strongest at left base of second 8.** Top of first 8 touches bust. Line up to left from dentils under left side of second 8. Fine lines down to right from dentils at stars 1-2. Fine points up to left from neck. Short points to right from main and inner curls. Lapping removes the lines at stars 1-2 very early and weakens the line from the dentils below the second 8. This lapping leaves a strong polishing line down to right in field left of star 11 and reflective fields. The fields quickly lose their reflectivity and the line from the dentils under the second 8 fades and disappears. The repunching on the 4 & 8 are weaker but clearly visible in latest state.

REVERSE: Line up to dentils from left top of N in UNITED; another to right from left top of that I. The line from I disappears following a lapping that leaves fine vertical lines in reflective fields. The fields soon become slightly rough from flowlines and the line at N also disappears.

RARITY 2 (A dozen seen in mint state; three have a significant amount of mint red remaining, six others have traces of mint red still visible. Another dozen seen in About Uncirculated grades.)

DIE STATES:

a. Lines from dentils at stars 1-2. Line from dentils below second 8 clear. Lines at NI clear.

b. Lines from dentils at stars 1-2 gone. Line from dentils under second 8 weak but visible. Line from I in UNITED gone. Line from N in UNITED still visible.

c. Line from dentils below second 8 and one from N in UNITED both gone. (Some have star 13 weak from a die clog/low spot.)



1848

N-4



OBVERSE: (DRN 8 0 6 6 7 6) **Strong repunching to left of each digit in date.** Fine lines up to right from inner curl to main curl. Crumbling forms early outlining the profile, curls, and dentil tips. Radial flowlines form at the stars and reach toward the dentils. Lapping removes the fine lines at the inner curl and weakens the date repunching. The crumbling and roughness are mostly smoothed by the lapping and the fields are covered with fine polishing lines down to left of vertical. A subsequent lapping weakens the date repunching even more, but repunching is always clearly visible at the left base of each digit, which are now much weaker and thinner than they were in the early state. The lapping leaves polishing lines down to left in the fields, including a relatively strong line near the dentils left of star 4.

REVERSE: (Same as N-30, later) Small lump on bottom edge of berry over left side of N in ONE. Latest has roughness around a weakened legend and the lump on the berry over N barely visible.

RARITY 4 (Five seen in mint state; one of those with a significant amount of mint red remaining, two others with generous traces of mint red still visible. Four more seen in About Uncirculated grades, five in Extremely Fine grades. No state **a** examples seen in high grade.)

DIE STATES:

- a.** Strong repunching inside triangle of 4. (Rare)
- b.** Repunching inside triangle of 4 gone. Repunching visible inside lower loops of 8's.
- c.** Repunching inside lower loops of 8's gone. Line at dentils left of star 4 visible early in this die state but it fades and disappears.



1848

N-5



OBVERSE: (DRN 8 0 5 5 3 4) (Same as N-38 & 39, earlier) **Bottom of second 8 repunched well to right of base.** Fine lines up to left from dentils to second 8. Small lump on temple. Smaller lump between R & T, another right of Y. The repunching right of the second 8 fades slightly but remains clear in latest state.

REVERSE: **Struck in low relief (as if the die was heavily lapped prior to its initial use), and nearly always cracked.** Earliest has two tiny points down from left top of E in CENT. Tiny lump on left bottom of O in ONE, stronger ones on left side of E in CENT. Nearly always lightly cracked through bases of UNI to ribbon tip with another from base of U to leaf tip, ribbon, and rim off the stem tip. The crack at UNI quickly extends to E and later through ED to rim over S. Additional crack at RICA to rim where it joins first crack off stem tip. Latest state has a triangular rim cud break at the junction of the cracks off the stem tip.

RARITY 4 (A half dozen seen in mint state, all in die states **d**, **e**, or **f**; three of those show a significant amount of mint red, the other three have traces of mint red still visible. Seven more seen in About Uncirculated grades, ten in Extremely Fine grades. No state **a** examples seen in high grade.)

DIE STATES:

- a.** Reverse uncracked. (Very Rare)
- b.** Lightly cracked through base of UNI to ribbon tip with another fine crack from base of U to leaf tip and ribbon to rim off stem tip.
- c.** UNI crack extends to E.
- d.** Additional fine crack through RICA to rim off stem tip.
- e.** UNITE crack extends through D to rim at S. (The usual state)
- f.** Small but strong rim cud break off stem tip. (Rare) **PHOTO**



1848

N-6



OBVERSE: (DRN 3 5 5 5 8 7) (Same as N-46, 44, & 32, later, lapped) Tiny lump between R & T, another right of Y. Tiny line up from right base of L. Earliest has reflective fields from a fresh lapping. A subsequent lapping rather early in the marriage leaves a vertical line down through star 4 to star 2, strongest where it exits from the bottom of star 4. This line fades and disappears as the die continues to wear.

REVERSE: Strong line up slightly to right of vertical from right top of R in AMERICA to dentils. Other lines at various angles from dentils to tops of UNITED, STATE, F, M, and RIC, strongest shown on diagram. A crack forms from dentils to top of MER, another at UNI, and a lighter one at OF. The crack at MER becomes very heavy with that section of die shifted outward slightly and the rim at MERI raised into a retained cud. Latest has an additional crack up from just right of E in AMERICA to the dentils above and a small internal cud break resting on the left top of M.

RARITY 1 (Eight seen in mint state, all in die state **d** or **e**; two of those show a significant amount of mint red, two more show traces of mint red. More than a dozen others seen in About Uncirculated grades.)

DIE STATES:

- a.** Reverse uncracked. (Scarce)
- b.** Cracked from dentils to MER. (Scarce) (Seen with a low spot from star 1 to the bust tip and 18.)
- c.** Additional crack from dentils at left to UNI.
- d.** Light crack from dentils to OF. MER crack heavy with section of die outlined by the crack shifted outward slightly and the rim raised.
- e.** Crack up to dentils from right of E in AMERICA. Small internal cud break on left top of M. (Some have a large low spot from star 1 to star 4.) (Scarce) **PHOTO**



1848

N-7



OBVERSE: (DRN 3 6 2 3 5 8) **Diagonal line up to left from left foot of T nearly reaching R.** Small lump on front edge of coronet. Another larger lump forms very early on the bottom edge of the curl over left side of 8. Line from T remains strong and field becomes slightly rough from flowlines, strongest around date and stars 1-6. Lump touching curl over second 8 remains clear.

REVERSE: **Point down from right top of N in CENT.** Dull parallel lines through NITE. Small elongated lump in hollow of stem tip. Develops roughness and flowlines as the lines at NITE fade and most disappear. Point from N always visible.

RARITY 2 (Nine seen in mint state, all in die state **b**; five of those with a significant amount of mint red remaining, two others with traces of mint red still visible. Six more seen in About Uncirculated grades)

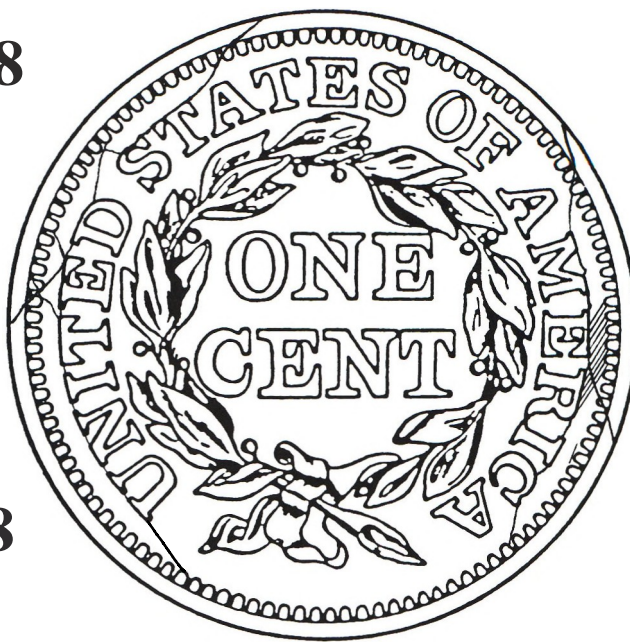
DIE STATES:

- a.** Without lump on curl over left side of second 8. (Very Rare)
- b.** Lump on curl over second 8. (The usual state.)



1848

N-8



OBVERSE: (DRN 3 5 3 5 5 5) (Same as N-33 & 21, later than N-33, earlier than N-21) **Short line from space between dentils under star 3 points toward lips.** Lines up to right from inner curl, strongest line tangent to main curl. Other fine lines up from inner curl to main curl. Irregular line across neck; lumps on neck and cheek above. Short point up to left from bottom of neck. The lines at inner curl fade and disappear, but a point remains as a remnant of the strong line tangent to the main curl. Line from dentils toward lips remains visible.

REVERSE: Parallel lines from dentils down to right to ERI. Earliest also has irregular lines in various directions over UNITED, the ones over N & from right top of E easily confused with cracks, which they are not. Short points up to left from stem left of C in CENT. **Nearly always cracked.** The first crack forms at ME, followed by others at ST, ED, UNIT to dentils over left top of E, and a final one at RIC. The lines over UNITED and ERI fade and disappear while the cracks form. (Note: This reverse is sometimes confused with N-33. The crack on N-8 extends from the D in UNITED to the dentils over the adjacent S, while the similar crack on N-33 extends to the dentils only halfway to the adjacent S.)

RARITY 3- (Ten seen in mint state; two of those with a significant amount of mint red remaining visible, five more with traces of mint red. More than a dozen seen in About Uncirculated grades.)

DIE STATES:

- a. Reverse uncracked. (Very Rare)
- b. Cracked from dentils to ME.
- c. Additional crack from dentils to ST.
- d. Additional crack from dentils to right top of E through D to dentils over left side of S.
- e. Additional crack through top of UNIT to dentils over E.
- f. Additional crack dentils to RIC. Latest examples show the crack at U extending to the dentils off the end of the ribbon.



1848

N-9



OBVERSE: (DRN 4 8 4 5 8 6) **Strong point to right from hair just left of top of inner hair bun.**

Two short, dull points down slightly to left from throat. Lines at different angles near dentils under second 8 and star 13; the ones up to left join the 8 to the dentils. Strong, dull line from dentils over star 3 points to bottom of eye. The lines from the dentils to the second 8 and others under star 13 fade and disappear. The one from dentils over star 3 fades but remains visible. Point to right from hair near top of inner bun remains clear.

REVERSE: Lines from dentils to TED. Short points down from base of E in ONE; two fine lines from leaf to its right top. Right upright of N in CENT is doubled on its left side (line close to the upright) and has lumps on its right side. Line down through right side of C in CENT; another joins base of that T to leaf below. Lumps on base of O in ONE. The points down from E in ONE and doubling on N in CENT remain visible as other lines and points disappear. A crack occurs at ME, strongest over A, and a faint crack forms through NITE to the dentils at either end. Then a series of rim cuds form (see below for the sequence).

RARITY 1 (Two dozen seen in mint state, all in die states **a** or **b**; eight of those show a significant amount of mint red, eight more have traces of mint red still visible. A variety that is relatively easy to find in mint state.)

DIE STATES:

- a.** Lines join base of second 8 to dentils below.
- b.** Lines at second 8 very weak or gone. Cracked from dentils to ME.
- c.** Rim cud break at TE in STATES. (Semi-Unique) **PHOTO**
- d.** Additional rim cud break at ST. (Semi-Unique) **PHOTO**
- e.** Additional rim cud break at D-S. (Extremely Rare) **PHOTO**
- f.** Additional rim cud at AT creates continuous cud break at D-STATE. (Rare) **PHOTO**
- g.** Rim cud at TE extends to over left edge of O in OF. (Extremely Rare) **PHOTO**



1848

N-10



OBVERSE: (DRN 5 8 3 3 1 5) **Lines up to right from inner and lower curls to main curl and inner hair bun;** a few others at different angles from inner curl. Lines up and down to left from neck; others down to left from jaw. Lines up to right from top of inner bun and hair at left. Points down to left from nose and lips. Short lines (remnants of the usual hub defects not lapped away) at the outer points of stars 2, 7, & 10. The points and lines fade but most remain visible, especially the lines from the inner curl. Develops a crack on the rim at star 5 to star 7 outlining a rim cud break that forms soon after.

REVERSE: (Same as N-46 & 11, earlier) Points up to right from right base of E, right top of N, and right side of upright of T in CENT. Point down from dentils over left top of R in AMERICA. Crumbling on left side of O in ONE; other lumps on ONE CENT, strongest on tops of ENT. Lump on lower right body of N in UNITED. A line under the left top of T in UNITED is added rather early as cracks develop at MERIC, strongest at either side of I. The point from the dentils over R and line at T in UNITED fade and disappear; the ones at ENT fade and are barely visible late. The legend sinks, strongest at UNITED, STA, and ONE.

RARITY 3 (Ten seen in mint state, all in states **a**, **b**, or **c**; six of those have a significant amount of mint red remaining, two others show traces of mint red. More than a dozen others seen in About Uncirculated grades.)

DIE STATES:

- a.** Reverse uncracked (or with a very faint crack through RI). Without line through top of T in UNITED. (A few very early examples have reflective fields.)
- b.** Cracked through MERIC. Line in top of T in UNITED (added after the MERIC crack).
- c.** Line in top of T in UNITED gone. Reverse sinking at UNITED STA.
- d.** Crack on rim outlines future rim cud at stars 5-7. (Extremely Rare)
- e.** Large rim cud at stars 5-7. (Unique) ***PHOTO***



1848

N-11



OBVERSE: (DRN 5 9 5 6 8 5) (Same as N-30, earlier) **Lines down slightly to right of vertical from main curl;** other fine lines to right at different angles from inner curl and main curl. Some crumbling always present around stars and most of the portrait. Triangular lump from dentils over star 10. Lapping during the marriage adds fine lines down to right in fields, strongest from chin to neck. Many lines added from dentils into field, strongest at stars 1-2 and 10-12. The triangular lump at the dentils over star 10 is removed by lapping after the second rim cud break forms on the reverse. Some of the lines fade and disappear, but the ones down from the main curl are still visible in the latest state. Develops a small lump left of the bottom of the eye after the second reverse rim cud forms.

REVERSE: (Same as N-10 & 46, later, lapped) **Cracked from dentils through MERIC, the one from dentils to right top of M strongest.** Small lumps on top of ENT in CENT, a larger one on body of N in UNITED at bottom of right upright. Light roughness and sinking always present around legend. (The long lump on the left side of O in ONE seen in the N-10 marriage is very weak due to die wear.) Roughness and sinking increase, strongest at dentil tips over UNITED STA. A fine crack forms at ITE to dentils over D. Latest has crack at ST to dentils over second T in STATES. Develops a series of three rim cud breaks as outlined below.

RARITY 5 (Two seen in mint state; one with a significant amount of mint red showing. A dozen more seen in About Uncirculated grades, ten in Extremely Fine grades. Most of the higher grade examples have at least one rim cud.)

DIE STATES:

- a. Without crack at ITE to dentils over D. (Rare)
- b. Cracked at ITE to dentils over D.
- c. Rim cud break at ES in STATES. (Rare) **PHOTO**
- d. Additional rim cud break at O-S. (Extremely Rare) **PHOTO**
- e. Final rim cud break at TE. Crack at ST. Lump over star 10 gone. (Rare) **PHOTO**



1848

N-12



OBVERSE: (DRN 7 9 4 3 8 5) **Serif of crossbar of 4 touches base, and that base has a short spur to left from its upper left end.** Point of star 13 near curl is cut off, a feature present on several varieties of the year. Earliest has fine polishing lines down to right in fields plus a short line to right from dentils just below star 4. Subsequent lapping early in the marriage removes the line from the dentils under star 4 and adds short lines to right from inner and lowest curls, plus fine points to left from neck. The points from the neck disappear quickly, the short lines from the curls last a bit longer but also disappear as the fields become rough and flowlined. In the later states, the DRN is 7 9 5 3 8 5.

REVERSE: **Parallel lines at ERIC, others down slightly to left of vertical join left side of C in CENT to leaf below.** Fine lines in different directions over tops of UNIT, others in wreath below IT. Short spur to left on top of E in STATES. Lump on left side and base of E in CENT. The spur on E in STATES and lines at UNIT and ERIC fade and disappear, the ones at RI the last to go. A line down from the left side of C in CENT to the leaf below remains visible in latest state. The lumps on E in CENT always visible.

RARITY 1 (Fifteen seen in mint state; seven of those show a significant amount of mint red, five others have traces of mint red. Most of the mint state pieces are in die state **b**, none seen in state **c**. Many others seen in About Uncirculated grades.)

DIE STATES:

- a.** Line from dentils below star 4 clear. Lines at ERIC clear. (Scarce)
- b.** Line from dentils below star 4 gone. Some lines at ERIC still visible.
- c.** Lines at ERIC gone. (Scarce)



1848

N-13



OBVERSE: (DRN 7 0 4 5 3 4) (Same as N-28, earlier) **Short diagonal lines up to right at TY, strongest a dash under right pendant of T.** Fine lines down slightly to right of vertical from main curl over inner curl. Strong point down to right from main curl just below inner hair bun. Many short lines at various angles from dentils, strongest below second 8, between stars 1 & 2, at stars 6 & 7, and right of star 13. These defects fade slightly but remain visible, the dash under T clearest. Some late examples have the obverse misaligned to K-8.

REVERSE: (Same as N-36, later, lapped) **Roughness and crumbling around legend, strongest on top of O in ONE and T in CENT.** Crumbling advances as the field continues to rise around the legend and wreath. Latest has a strong rim cud over TES.

RARITY 4+ (Four seen in mint state; three of those with traces of mint red showing. More than a dozen others seen in About Uncirculated grades.)

DIE STATES:

- a. Without rim cud break at TES.
- b. Rim cud break at TES. (Rare) *PHOTO*



1848

N-14



OBVERSE: (DRN 9 0 6 4 2 4) **Two strong points down to right from main curl; another to right from main curl just below inner hair bun.** Dull horizontal line near dentils under 48. Earliest has fine lines down to right from the dentils through star 5 and the coronet emerging from the main curl and extending to the dentils at star 12. Small lump in hair just above coronet over right top of T. The lines from the dentils at star 5 to the dentils at star 12 fade and disappear, but the strong points from the main curl and short line under 48 remain visible, although dull and weaker in latest state.

REVERSE: Short point down to left from left side of N in ONE, another down from left top of that E. Line to left from left top of U in UNITED. May come uncracked, but earliest seen has a fine die break through top of MERIC to dentils and from tip of ribbon to dentils. This crack is very faint and is visible only on high grade examples in the earliest state. The line at U and points at NE fade, remnants of the points barely visible in latest state. Develops additional cracks through legend as shown on diagram. Some have strong strike doubling on the upper portion. Latest seen has what may be a crack on the rim outlining a potential cud break at F-A, but a higher grade example is required for confirmation.

RARITY 4- (Eight seen in mint state; three of those show a significant amount of mint red, three more have traces of mint red still visible. Six more seen in About Uncirculated grades.)

DIE STATES:

- a. Lapping lines at star 5 clear.
- b. Lapping lines at star 5 faint or gone. Additional cracks at D-STATES, plus a few faint ones at the stem tip and second A in AMERICA.



1848

N-15



OBVERSE: (DRN 7 0 3 4 6 6) (Same as N-42, earlier) **Vertical lines down from main curl**
Lines up and down to left from neck. Strong hub defects near the dentils and stars always present (which should not be used alone to attribute any variety, but it can help differentiate this marriage from the later N-42 marriage). The lines and roughness fade slightly but remain clear. (See N-41 for similar strong hub defects.)

REVERSE: Short, dull point up from left top of O in ONE; smaller points or lumps on top of E in CENT. Two stronger points to left from left upright of M in AMERICA. Short, dull lines down to left at ERIC, strongest from left side of that I. Earliest has fine polishing lines down to left in fields, strongest from left top of E in ONE, junction of bases of C & E in CENT, and right foot of second A in AMERICA to stem tip. The lapping lines fade and disappear quickly; the other lines and points disappear later, but remnants of the dull point from O in ONE remains visible. Fine die cracks occur, first from dentils through TES and later at UNITED, ST, and MER as shown. These cracks never become strong.

RARITY 5 (Four seen in mint state; three of those with traces of mint red showing. Three more seen in About Uncirculated grades, five in Extremely Fine grades, and many more in Very Fine grades.)

DIE STATES:

- a. Reverse uncracked. (One seen with a heavy planchet, 177.1 grains.)
- b. Cracked from dentils through TES.
- c. Additional fine cracks through tops of UNITED, ST, and MER. (Rare)



1848

N-16



OBVERSE: (DRN 4 7 3 3 2 6) **Short line down to left from dentils between stars 6 & 7. Point down from crossbar of 4 right of upright (from repunching).** Earliest has additional repunching inside the triangle of the 4 and fine repunching at the left of the base of the I & 8, plus lines at the dentil tips at stars 2-3. Lump under left end of base of 4. Fine line up to right from lower serif of E and another up to left in front of eye. Points and fine lines up to right from upper portion of main curl, fine lines up slightly to right at tip of inner curl. Points up slightly to right from bust close to neck. The lines at the dentils at stars 2-3 and repunching on the 18 and inside the triangle of the 4 all disappear quickly; the ones from the bust and main curl disappear later. The dies clash rather early leaving clear clashmarks under the chin and at the inner curl while the lump under the 4 is still visible. Latest has the lump and clashmarks lapped away. Line from the dentils between stars 6 & 7 and point down from 4 always visible.

REVERSE: (Same as N-23, later, lapped) **Strong point down to right from right upright of N in CENT.** A line on same angle inside top of E in CENT. Small lump on base of E in CENT. Earliest has fine polishing lines down to right in the fields. Always lightly cracked from dentils through top of UNITE. This crack later extends weakly to top of D. Clashing rather early leaves a curved line at the left top of O in ONE (impression of the throat). Latest has the legend sinking (field rising around the letters). The clashmark at O in ONE remains visible after the obverse clashmarks are lapped away. The point from N in ONE always clear.

RARITY 2 (One dozen seen in mint state; four of those with a significant amount of mint red showing, four others with traces of mint red still visible. Ten more seen in About Uncirculated grades.)

DIE STATES:

- a. Repunching at 184. Lump under 4 sharp. (Rare)
- b. Repunching at I & 8 gone. Lump below 4 clear. Dies not clashed.
- c. Clashmarks on obverse and reverse. Lump below 4 weak but visible.
- d. Obverse clashmarks gone. Lump under 4 gone. Reverse clashmark visible.



1848

N-17



OBVERSE: (DRN 4 7 4 4 3 5) **Upright and serif of crossbar of 4 repunched on left side, strongest inside the triangle and under crossbar.** The other three digits show fine repunching on their lower left edges in the earliest state. Earliest also has very fine nearly horizontal lines near the dentils between the date and right side of star 13. Curved line close under eye. Lapping very early in the marriage leaves fine polishing lines in various directions in slightly reflective fields and removes the lines at the dentils and repunching on the other 3 digits, but it remains visible on the 4. Often seen with minor roughness from tiny low spots at the dentil tips, and stars 5 & 6 are sometimes weak due to die clogging. Other significant low spots sometimes blunt many of the details, especially stars 1-3. The repunching on the 4 and curved line below the eye remain visible, although weaker in the latest state. A few seen in early die state **b** with phantom dentils (small lumps) all the way around the obverse rim.

REVERSE: Earliest has a fine line from base of first T in STATES to leaf below, and fine parallel lines over UN. These lines are quickly lapped away, and this lapping leaves slightly reflective fields covered with fine polishing lines down to left. These lines quickly disappear as the fields lose their reflectivity. Always seen with small lumps on inside edge of left pendant of T in CENT and right side of N in CENT, and sharp examples also show a small lump on body of upright of E in AMERICA. An additional small lump forms later on the base of E in ONE. The lumps remain visible but are difficult to see on worn examples.

RARITY 1 (Fifteen seen in mint state, only four of those show a significant amount of mint red, seven more have traces of mint red visible. Many others seen in About Uncirculated grades.)

DIE STATES:

- a. Repunching visible left of base of all 4 digits of date. (Scarce)
- b. Repunching at 18 and second 8 lapped away. Repunching visible only at 4.



1848

N-18



OBVERSE: (DRN 5 8 5 5 8 4) **Second 8 is thicker (appears fatter), especially on its right side.**

Fine lines up to left from dentils to base of second 8 and one nearly reaching base of 4. The three dentils under the second 8 are shorter than normal. The fields become slightly rough and a strong lapping removes the roughness and reduces the size of the digits causing the 1 to be a bit farther from the bust and dentils. The second 8 still appears large compared to the other digits. A crack from the main curl to dentils over star 11 forms, initially appearing as a wave in the field before its status as a real crack becomes clear. Later this crack extends weakly across the portrait to the dentils under star 3. Another crack forms from the dentils through star 1 and across the bust and curls to the dentils under star 12. The first crack is strongest in the field behind the head, the second strongest from star 1 across the bust to star 13. In the latest state the upper crack is very strong, maybe a half millimeter thick.

REVERSE: (Same as N-24, earlier) **Strong line up to left from left top of T in STATES to dentils.** Other lines to dentils from TED, second T in STATES, and R in AMERICA. Fine line over UN. Lumps on bottoms of the E & N in CENT. The tops of C & E in CENT quickly become joined by crumbling, as do the bases of those letters. The fine lines fade and most disappear, but the strong one from the top of the first T in STATES is always clear. A strong line is added through the top of N in ONE. The fields become rough and the legend begins to sink.

RARITY 4+ (Only one example seen in mint state, and it has a significant amount of mint red remaining. Four seen in About Uncirculated grades, eight in Extremely Fine grades.)

DIE STATES:

- a. Tops of C & E not joined by crumbling. (Very Rare)
- b. Tops of C & E joined; the obverse uncracked (the usual state).
- c. Cracked from main curl to dentils over star 11 (initially only a wave in field). (Rare)
- d. Additional crack from dentils through star 1 across bust to dentils under star 12. (Rare)
- e. The upper crack is very strong from rim to rim, about .5 mm thick. (Semi-Unique, and one of those is in the ANS collection)



1848

N-19

PROOF ONLY



OBVERSE: (DRN 3 6 6 5 7 6) **Proof only. Fine irregular line across upright of 1 just above base.** Remainder of date is delicately repunched, clearest below second 8. Short, dull point (actually two points very close together) up to left from lower part of neck. Another point to left from neck under throat. Fine polishing lines in fields, strongest single line down from chin to left foot of 1. Often seen with left foot of 1 weakly struck as if the die was partially clogged.

REVERSE: (Same as N-8 of 1844, et al.). **Irregular line on rim over TED.** The depth of field is shallow due to excessive die polishing. See the note at N-8 of 1844.

RARITY 6-

DIE STATES: All as above.



1848

N-20



OBVERSE: (DRN 3 6 3 3 7 8) **48 repunched with vertical lines inside triangle of 4, horizontal line under crossbar of 4 (strongest right of upright), repunching inside upper loop of second 8 and to left of notch of that 8.** Early examples also have delicate repunching on first 8 inside lower loop and left of notch, and inside bottom loop of the second 8. Earliest has fine polishing lines down to right in the fields, strongest at 18. Lines up to right from inner and lower curls, some reaching main curl. Other lines up and down to left from neck and throat. Fine lines up to right at RT. The fine lines fade but the stronger ones are always visible. The repunching on 48 remains clear. Sometimes comes with a series of tiny low spots at the dentil tips.

REVERSE: **Lines up slightly to left of horizontal inside E in CENT, some extending as points to left from upright.** Line at similar angle joins bases of O & N in ONE. Line joins last two outside leaves over stem tip; another up from stem to ribbon above. Small spur down to right from tip of leaf right of top of E in ONE. Irregular line over U. These lines fade but most remain visible, strongest the lines and points at E in CENT. Crumbling joins the tops of C & E in CENT and forms a trail of roughness from the top of the second A in AMERICA along the dentil tips to the left top of the U. Latest has field rising around UNITED STATES OF AM.

RARITY 3 (A dozen seen in mint state, all in die states **b** and **c**; three of those show a significant amount of mint red, four more with traces of mint red remaining visible. More than a dozen others seen in About Uncirculated grades.)

DIE STATES:

- a. Tops of C & E not joined by crumbling. (Scarce)
- b. Tops of C & E joined by crumbling.
- c. Field rising around UNITED STATES OF AM. (Scarce)



1848

N-21



OBVERSE: (DRN 3 5 3 5 5 5) (Same as N-33 & 8, later) **Dull line from between dentils over star 2 points toward lower lip.** Fine point up to right from inner curl, other fine lines down from main curl over inner curl. Irregular line high on neck with lumps above the line, strongest single lump at the jawline. The lines and points fade slightly but remain visible. The stars are often flat, the curls blunted, and LIBER weak, a result of die clogging.

REVERSE: Usually has nearly vertical lines at NT in CENT, strongest at right top of T. Other fine lines at similar angles at wreath under ME. Minor crumbling always present around legend. The tops of C & E soon become joined by crumbling as additional crumbling advances around the wreath and legend. Later the top and bottom of the E in CENT fill with crumbling, followed by the bottom of R in AMERICA. A strong line is added closing the bottom of the N in CENT prior to the crumbling in R. Lapping adds a fine line through NI in UNITED, but this line fades and is gone in latest state, as are the lines at NT and ME. The wreath details are weakened by die wear and crumbling in the latest state.

RARITY 3+ (Seventeen seen in mint state; nine of those show a significant amount of mint red, five others have traces of mint red still visible. No mint state examples seen in die state **a**. More than a dozen other pieces seen in About Uncirculated grades.)

DIE STATES:

- a.** Tops of C & E not joined by crumbling. Lines at NT clear. (Rare)
- b.** Tops of C & E joined by crumbling. No crumbling in top of E in CENT.
- c.** Bottom of E in CENT filled with crumbling (first); top of that E partially filled (second).
- d.** Bottom of R in AMERICA filled with crumbling.
- e.** Lines at right top of T in CENT gone. (Scarce)



1848

N-22



OBVERSE: (DRN 4 7+ 3 3 3 6) Earliest has fine lines down to right at various angles from main and inner curls, plus some up to left from the neck near the throat. In this earliest state, the bottom curve of a stray 8 is punched very close to the dentils below the right edge of the first 8. The fine lines and repunching disappear very early. Always has some fine roughness around eye, bridge of nose, lower curl on neck, and inner curl. Sharp examples show a slightly curved line on cheek. Lapping rather early in the marriage adds some fine lines up to left from the neck (the ones shown on diagram), but these also fade and disappear. A thin rim cud break sometimes visible at stars 12-13. The rim break is present on some die state **c** examples, but it often does not show, even on late state examples. This die does not offer any easy attribution points, and the variety is best identified using the reverse.

REVERSE: Small lump on right side of N in CENT and a short line up to left from top of T in UNITED. **Nearly always cracked through top of legend as shown, clearest at TAT.** Later two dull, slightly curved lines are added from leaf up through base of T in CENT (some have only one of these lines). Later dull, nearly vertical waves form in the field at D and up through the first T in STATES. These waves form as the lines at T in CENT are very weak. Latest has a curved line through the top of N in ONE.

RARITY 1 (Nine seen in mint state; only one of those shows a significant amount of mint red, six others have traces of mint red remaining. None of the mint state examples seen are in die state **a** or **b**. More than a dozen other examples seen in About Uncirculated grades.)

DIE STATES:

- a.** Repunching at dentils under right side of first 8. Reverse uncracked. (Extremely Rare)
- b.** Repunching under 8 gone. Reverse cracked through top of legend.
- c.** Dull lines (one or two) from leaf up to right through base of T in CENT. (A couple seen with the upper third of the obverse struck through grease.)
- d.** Dull vertical waves at D (first) and first T in STATES (second). Lines at T in CENT weak or gone.
- e.** Line through top of N in ONE.



1848

N-23



OBVERSE: (DRN 5 9 6 6 1 4) **Crumbling always present on stars 2-6.** Earliest has a strong, dull line up from left edge of dentils below space between 4 & 8. Short lines at different angles from dentils at stars 3 & 4. Strong, dull line down from dentils over right side of star 6. Fine line up to right from inner curl; short ones down to left from neck. Tiny lumps scattered about face and neck, strongest one in center of cheek. Earliest has fine polishing lines down to right in fields, strongest over the head. The lines and points fade and disappear. Crumbling advances over all stars and roughness forms near dentils except ones under 184. The roughness becomes strong under and to right of the second 8. An outline of roughness forms following the profile from under bust clockwise to outer hair bun. Tiny lump forms under base of T. Lapping late in the marriage smooths much of the roughness and leaves fine lines up to right, strongest from serif of crossbar of 4. The lapping lines fade and disappear as the die continues to crumble. One late example seen with what may be a rim cud break from over star 7 nearly to star 8, but I need to see another higher grade example for confirmation.

REVERSE: (Same as N-16, earlier) **Strong point down to right from right side of N in CENT.** Line down to right inside top of E in CENT. Short spur down to right from bottom of right upright of N in CENT. Sharp line from base of first T in STATES down through wreath, C in CENT, and wreath below to ribbon. Earlier examples have a fine line from the dentils through first S in STATES down through wreath and left side of O in ONE to top of E in CENT. Fine lines up to left from top of UN to dentils; others down to left from dentils over RIC. The lines fade and most disappear, but traces of the line down through C in CENT remain visible near the C in latest state. The strong point from right side of N in CENT remains clear.

RARITY 3+ (A half dozen seen in mint state; only one of those shows a significant amount of mint red, three others have traces of mint red showing. More than a dozen seen in About Uncirculated grades.)

DIESTATES:

- a. Line from first S in STATES to E in CENT visible.
- b. Line from first S in STATES to E in CENT gone. (Scarce)
- c. Rim cud at star 7 nearly to star 8 (Reported but not seen.)



1848

N-24



OBVERSE: (DRN 6 9 4 5 7 4) (Same as N-37, later) **Strong but dull line at dentil tips from star 3 to star 4.** Two fine lines up to right from top of main curl to bottom of inner hair bun. Fine line up to right from inner curl to main curl. Short, fine line up to left from dentils over star 11. Faint line down from dentils left of star 6 to near tip of coronet. The fine lines all fade and disappear, but the strong line at the dentil tips from star 3 to star 4 remains visible, although dull and blurry in latest state due to die wear.

REVERSE: (Same as N-18, later, lapped) **Tops of C & E in CENT joined by crumbling. Line down slightly to right of horizontal inside bottom of N in ONE.** Lighter line up to right from right top of O in ONE. Always has some crumbling and sinking around legend. A strong line up inside the N in CENT is added very early. The crumbling and sinking become stronger, the sinking is especially strong at UNITED STAT. Lappings during the marriage temporarily lessen the appearance of the sinking, but it returns and is strong late. The lines through both Ns remain visible in latest state, but the line from the top of the O in ONE is gone.

RARITY 4+ (Four seen in mint state; one of those shows a significant amount of mint red, two others have traces of mint red still visible. Two more seen in About Uncirculated grades, five in Extremely Fine grades, many in Very Fine grades.)

DIE STATES:

- a. Without line up through N in CENT. (Very Rare)
- b. Line up inside N in CENT. Line up to right from top of O in ONE visible.
- c. Line up to right from top of O in ONE gone.



1848

N-25



OBVERSE: (DRN 5 9 2 3 1 6) **Lines up slightly to right of vertical from inner and lower curl to main curl. Crumbling always present around most stars.** Short but strong line up from right foot of Y. Crumbling connects the top of the 1 to the bust very early. Crumbling eventually involves all the stars, strongest at stars 1-3. Die sinking and rust create roughness between the stars and dentils, strongest on left side of die. A series of lappings weakens the lines at the curls, but some faint ones joining the top of the inner curl to the main curl are still visible in latest state. The short line from the base of Y remains clear. In the later states, the date digits are thinner than normal, a result of repeated lappings to reduce roughness.

REVERSE: **Crumbling inside top of N in ONE.** Bottoms of the E & N in CENT also become joined by crumbling very early. The die continues to crumble, eventually involving most of the legend and wreath. The crumbling becomes severe with many letters distorted and a few joined to the dentils or wreath, including the right base of the M to the leaf below.

RARITY 4 (Five seen in mint state; one of those with a significant amount of mint red remaining. All the mint state pieces are from die state c. Seven seen in About Uncirculated grades, ten in Extremely Fine grades.)

DIE STATES:

- a. Tip of 1 not crumbled to bust. (Very Rare)
- b. Top of 1 crumbled to bust. (Rare)
- c. Crumbling joins right base of M to leaf below. Latest also has a strong line connecting the tops of the T & E in STATES.



1848

N-26



OBVERSE: (DRN 3 6 5 5 7 8) **Short lines to right from inner and main curls;** other fine lines up and down to left from neck and throat are added very early. Fine, nearly vertical lines in space right of Y. Earliest has fine vertical polishing lines covering fields, but these fade quickly. The lines from the neck and curls fade slightly but remain visible. The dentils are always crisply defined and there are no traces of the usual hub defects near the dentils, even in the earliest state. The central portion of this die is bulged outward slightly causing weakness in the details at the ear. As a result, the center of the obverse **always** appears more worn than the center of the reverse.

REVERSE: **Fine lines down slightly to right of vertical inside ONE CENT, strongest at O & CEN.** Lines parallel to these left of the O & C. In the earliest state, these lines are continuous joining ONE and CENT. Heavy vertical line connects right top of E in ONE to leaf above. The E in CENT is nearly always softly struck due to the concave nature of the obverse die which causes less striking pressure in the center of the reverse. Latest has a nearly horizontal line added through the stem above its tip.

RARITY 5 (One seen in mint state. One seen in About Uncirculated, two in Extremely Fine grades, and twenty in Very Fine grades. The vast majority of those seen are in die state **b**.)

DIE STATES:

- a.** Parallel lines connect ONE to CENT. (Very Rare)
- b.** Lines at ONE and CENT do not connect but are visible inside those letters.
- c.** Line added through stem above tip. (Rare)



1848

N-27



OBVERSE: (DRN 5 8 4 4 8 5) **Fine, short lines down slightly to right of vertical from main curl, some reaching inner curl.** Fine lines at same angle between bottoms of T & Y. Fine line up to right from inner curl to main curl. The bottom serif of the crossbar of the 4 is long and nearly touches the base. Earliest has fine die polishing lines down to right in the fields, strongest before neck and behind the head. The lines fade and most disappear, but the ones down from the main curl over the inner curl are always visible. Latest has a rim cud at star 12.

REVERSE: (Same as N-33, earlier) **Die scratch curves down from rim to left top of N in UNITED.** (This line looks like a crack, but it is not.) Fine parallel lines at dentils over ERIC. Small lump on left top of T in CENT. Cracks occur around the legend early in the marriage, the first of these from the dentils through MER, while the lines over ERIC are still clear. The lines at ERIC fade and disappear as the cracks advance in the sequence outlined below. Often seen with the reverse rotated 15-20 degrees counterclockwise.

RARITY 2 (Seventeen seen in mint state but only two of those show a significant amount of mint red, seven others have traces of mint red still visible. More than a dozen other examples seen in About Uncirculated grades.)

DIE STATES:

- a. Reverse uncracked.
- b. Cracked from dentils through MER.
- c. Additional cracks from dentils at U to UNITED and from dentils to TE in STATES.
- d. Additional cracks from D to dentils and from dentils to OF.
- e. Additional crack from ST to dentils over A.
- f. Additional crack through base of RICA to dentils off stem tip.
- g. Crack at ST extends to dentils left of S; additional crack from dentils to tops of IC.
- h. Rim cud break at star 12. (Extremely Rare) **PHOTO**



1848

N-28



OBVERSE: (DRN 7 0 4 5 3 4) (Same as N-13, later) **Short diagonal line under right pendant of T;** other lines at same angle at both sides of Y, strongest on right side. Short point down to right from main curl just below inner hair bun. Short lines and points down to right from main curl over inner curl. A flowline forms from the left end of the base of 1 to right center of a dentil below as the defects fade and most disappear. The dash under the right pendant of T remains clear, even in latest state. Some have large low spots blunting the outer hair bun and covering most of the field behind the head down to star 12. Other significant low spots seen blunting star 13 and the 1, bust tip, and star 1. A lapping late in the marriage leaves a strong line down to right from the bottom of the inner hair bun, but this line fades and disappears.

REVERSE: **Strong, dull point up from left foot of left upright of N in ONE; another from top of E in CENT over serif of crossbar.** Other points up from C & E. Earliest has diagonal lines connecting O in ONE to top of E below, and a fine vertical line up from left foot of N in CENT. Fine diagonal line at IC to dentils over C. Other fine lines and points at ONE CENT in earliest state. A dull line is added rather early connecting the tops of S-O. The lines all fade and eventually disappear, but the strong points at the N in ONE and E in CENT remain visible, although dull and weak in latest state.

RARITY 1 (A dozen seen in mint state; four of those with a significant amount of mint red remaining, five more with traces of mint red still visible. Many more seen in About Uncirculated grades.)

DIE STATES:

- a. Lines join O in ONE to E in CENT. (One seen with obverse slightly misaligned to K-7.5.)
- b. Dull line or wave connects tops of S-O (occurs while lines still connect O in ONE to E in CENT).
- c. Lines connecting O in ONE to E in CENT and tops of S-O gone.



1848

N-29



OBVERSE: (DRN 8 0 5 6 4 8) (Same as N-34, later) Line in dentils between stars 2 & 3. Elongated lump on bridge of nose, but this is visible only on higher grade examples. There is no trace of the usual hub defects at the dentils due to excessive lapping between the marriages, and this lapping also caused the date digits to be thinner than normal. The line between the dentils at stars 2-3 fades and disappears as the fields become slightly rough from flowlines. A tiny rim cud break forms on the outer edge of the rim over star 8. The hair at the ear seldom is fully struck and the center of the obverse appears to bulge outward slightly, especially in the later die states (similar to N-26 and 42). The shoulder is often softly struck, as well. **This variety is attributed from the reverse.**

REVERSE: Strong, long points down slightly to right of horizontal from wreath to ER in AMERICA. Rough lines down to right at ONE CENT, strongest at the N's. Lump on top of body of the I in AMERICA. Strong point down to right from bottom of C in CENT, a weaker point down from that E. The diagonal lines at ONE CENT fade and virtually disappear, but the strong points from the wreath to ER remain visible in latest state. Develops a series of rim cud breaks at the ribbon loop to UN. The leaves under OF (opposite the shoulder) are often softly struck.

RARITY 3- (Ten seen in mint state, all in states **a** and **b**; five of those show a significant amount of mint red, four others have traces of mint red showing. Another dozen seen in About Uncirculated grades.)

DIE STATES:

- a.** Without small rim cud break at star 8. Lines at ONE CENT sharp.
- b.** Small, shallow rim cud over star 8. Lines at ONE CENT visible.
- c.** Rim cud at ribbon end. Lines at ONE CENT faint. (Extremely Rare) **PHOTO**
- c/d.** Small rim cud over the N in UNITED (Unique) **PHOTO**
- d.** Rim cud break at N extends to over UN. (Very Rare) **PHOTO**
- e.** Rim cud break extends to below left edge of ribbon loop. (Unique) **PHOTO**



1848

N-30



OBVERSE: (DRN 5 9 5 6 8 5) (Same as N-11, later) **Fine, nearly vertical lines down from main curl; other fine lines up and down to right from inner curl.** Fine lines up to left from neck to chin. Lines at various angles from dentils, strongest left of star 1 and at stars 10-12, but many of the lines seen on the late state of N-11 are gone. Minor crumbling around many of the stars, LIBERTY, and most of the portrait. Roughness near dentils, strongest under date and at stars 1-2. Small lump just left of bottom of eye. LIBERTY always weak and blunted. The lines from the dentils fade and disappear, but remnants of the vertical lines at the inner and main curls remain visible. The crumbling and roughness increase. Develops a rim cud break over stars 7 & 8, but this will not show on lower grade examples (and very few high-grade pieces are known).

REVERSE: (Same as N-4, earlier) Earliest has fine lapping lines down to right from dentils to tops of AM, strongest single line to left top of M, plus another fine line down to left from dentils to top of adjacent E. (Note: Pieces with these lines were once called N-43 by Jules Reiver because he thought the die was different. It is not, and that number has been retired.) These lines fade and disappear quickly. A small lump forms on the lower edge of the berry over the left side of N in ONE. This lump forms before the rim cud break on the obverse. Normally this die offers no diagnostic marks, but it is easy to differentiate from the N-11 reverse because it has no cracks.

RARITY 5+ (Only one mint state example seen, and it has traces of mint red remaining visible. Two seen in About Uncirculated; four more in Extremely Fine grades, seven in Very Fine grades.)

DIE STATES:

- a. Lines from dentils at stars 10-12.
- b. Lines from dentils at stars 10-12 gone. Rim cud break at stars 7-8. (Rare) *PHOTO*
- c. Lump on bottom edge of berry over left side of N in ONE. (Very Rare)



1848

N-31



OBVERSE: (DRN 4 7+ 5 5 3 4) **Short, heavy line up to left from between dentils at star 12.** Fine lines down slightly to right from dentils at stars 1 and 2; others up slightly to left from dentils under 8 and star 13. Short line up to right from dentils left of star 5; another from dentils over star 6. Sharp examples show a curved line hidden in the outer hair bun and two small lumps on the neck. Most of the lines fade and disappear, but a remnant of the one at star 12 remains visible.

REVERSE: Always has some sinking around legend, strongest at D-STA. Strong line joins lower serifs of E & S in STATES. Lumps always present on edges of ONE CENT, strongest single lump on right top of N in CENT. Sharp examples show another strong lump on the rim off the ribbon tip. The tops of the C & E become joined by crumbling very early as the sinking advances around legend. The sinking obscures the line at ES. Two dentils fuse over R in AMERICA, later involving three dentils. A die crack forms connecting the tops of TE in STATES reaching the dentils over the adjacent S, but crumbling and sinking partially obscure this crack. In the latest state, this crack includes a small wedge-shaped internal cud break on top of the E, and this cud is much easier to see than the crack.

RARITY 2+ (Fourteen seen in mint state; two of those show a significant amount of mint red, eight have traces of mint red still visible. None of the mint state examples is in die state **a**. Ten others seen in About Uncirculated grades.)

DIE STATES:

- a.** Tops of CE not joined by crumbling. (Very Rare)
- b.** Tops of CE connected by crumbling.
- c.** Two dentils fused over R in AMERICA. (Some have a fine line from the nose tip into the field over star 1; this line fades and disappears.)
- d.** Three dentils fused over R in AMERICA.
- e.** Crack and small internal cud break at top of E in STATES. (Rare)



1848

N-32



OBVERSE: (DRN 3 5 5 5 8 7) (Same as N-46, 44, & 6. Later than N-46 & 44, earlier than N- 6.) Small lump between R & T, another right of Y. Fine line up from top of right foot of L. Lapping following the N-44 marriage added fine lines up to left at slightly different angles from the dentils at stars 1, 3, and 12-13, strongest under star 13. These lines fade but some remnants remain visible, especially from between the dentils at star 13.

REVERSE: (Same as N-27 of 1847, later) **Always cracked from dentils through second S in STATES through wreath and RI to dentils over left side of adjacent C.** A weaker crack extends from the dentils to top of M. Lump on outer edge of rim off tip of ribbon. The crack at M extends weakly to adjacent E as the other crack grows stronger, but the difference between the earliest and latest states is negligible.

RARITY 5 (Unknown in mint state. Finest seen grades AU50, and it has traces of mint red remaining visible. One seen in Extremely Fine, eight more in Very Fine grades. Most grade Fine and below.)

DIE STATES: All as above.



1848

N-33



OBVERSE: (DRN 3 5 3 5 5 5) (Same as N-8 & 21, earlier) **Strong line up to right from inner curl tangent to main curl.** Other weaker lines up to right from inner and main curls. Vertical lines from inner to main curls. Strong, short line from between dentils under star 3 points toward lower lip. Point up to left from bust at neck. Irregular line meanders across upper part of neck. Lumps above this line, strongest single lump near jawline under earlobe. Earliest has reflective fields. The lines and points fade slightly but remain visible.

REVERSE: (Same as N-27, later) **Always cracked through legend as shown.** Earliest has the crack from the second A in AMERICA to the dentils at the stem tip relatively weak; latest has this crack stronger, but the differences are minor. Dull line connects right pendant of T in UNITED to its upright. Dull point or lump on left top of T in CENT. (This reverse is often confused with N-8. On N-33, the crack at D extends to the dentils halfway to the S. On N-8, this crack extends to the dentils over the left side of that S.)

RARITY 5 (A half dozen seen in mint state; one shows a significant amount of mint red, the other five have traces of mint red remaining. One seen in About Uncirculated, five in Extremely Fine grades, and twelve in Very Fine grades.)

DIE STATES: All as above.



1848

N-34



OBVERSE: (DRN 7 0 4 5 3 5) (Same as N-29, earlier) **Strong line in dentils at stars 2-3 extending onto rim at star 3.** This line fades slightly but the portions of the line between dentils at star 2 are always clear. Strong hub roughness near the dentils, especially at stars 1-4. Earliest seen has fine NW to SE die lines covering the fields.

REVERSE: Heavy line up slightly to left of vertical connects stem to wreath near ribbon. Fine lines in various directions over UNIT. Fine lines up to right from tops of RICA and a stronger spike at same angle through top of that I. Dull point or strong lump up slightly to left of vertical from right top of T in CENT. Smaller lumps on left top of that T and left top of adjacent N. The fine lines at UNIT and RICA fade and disappear, but the spike through I in AMERICA and line up from the stem remain clear. Earliest has fine NNW to SSE die lines covering the fields.

RARITY 5 (Five seen in mint state; three of those have a significant amount of mint red remaining, one has traces of mint red still visible. Four more seen in About Uncirculated grades, one in Extremely Fine, and more than a dozen in Very Fine grades.)

DIE STATES: All as above. (One early example seen poorly struck.)

1848



N-35

OBVERSE: (DRN 5 8 2 2 1 6) **Long, heavy point to left from hair just right of coronet.** Very dull point to right from upper portion of outer hair bun. Earliest has dull points up to left from lower lip and space below, plus a fine line up slightly to left of vertical from dentils under left side of 4. Usually poorly struck in the early state. The line from the dentils below star 4 fades and disappears. The points from the lip and space below fade and are barely visible late. The long point from the hair right of the coronet fades and becomes dull, but it is always easy to see. The fields become rough and flowlined. Latest has a strong flowline connecting the left base of the 1 to a dentil below and a dull, shallow lump in the field over star 3.

REVERSE: **Strong line extends from point of leaf right of T in CENT down to right through berry to wreath stem.** Short, dull line or bar at dentil tips over left side of U. The bar over U fades and disappears as the fields become rough and flowlined and the legend grows mushy. The line through the berry right of T in CENT is always visible.

RARITY 2 (Twenty seen in mint state; nine of those show a significant amount of mint red, eight have traces of mint red still visible. Only a couple of the mint state pieces are in die state c.)

DIE STATES:

- a. Bar at dentils over U visible. (Often comes softly struck.)
- b. Bar at dentils over U gone.
- c. Dull lump in field over star 3. Fields rough and flowlined.



1848

(N-36)



OBVERSE: (DRN 5 9 4 4 1 5) **Die always heavily clashed, apparently with something other than a reverse die. Clashmarks especially heavy at jaw, throat, and neck.** Many lines from dentils at different angles, strongest a vertical line up from dentils to bottom of first 8. Develops heavy swelling on neck and sinking forms a line of roughness at the dentil tips and around the head except for the hair at top. Lapping removes all the lines from the dentils and makes the digits a bit thinner. The heavy clashmarks remain clear. This is a strong candidate for the most poorly prepared obverse die in the late date cent series.

REVERSE: (Same as N-13, earlier) **Heavy lumps and clashmarks on top of O in ONE and right side of that E.** Earliest has fine lines at various angles over UNITED and ERICA, but these fade quickly and become obscured by crumbling and sinking. The sinking advances causing a raised outline around most of the legend and wreath. A perfect mate for the obverse die, obviously prepared with a commensurate level of expertise.

RARITY 5 (A single example known in mint state, and it has no mint red remaining. Five more seen in About Uncirculated grades, three in Extremely Fine grades, ten in Very Fine grades. Most of the higher-grade examples are in die state **a**.)

DIE STATES:

- a.** Line up from dentils to bottom of first 8. (A couple seen with the obverse slightly misaligned to K-1.5.)
- b.** Line to bottom of first 8 gone. (Scarce)

1848



(N-37)

OBVERSE: (DRN 6 9 4 5 7 4) (Same as N-24, earlier) **Heavy line at dentil tips from star 3 to star 4.** Fine line down from dentils to near tip of coronet, strongest close to dentils. Fine line up to right from inner curl to main curl; two more at same angle from top of main curl to inner hair bun. Fine, short lines up to left from dentils at stars 9-11, strongest at stars 10 & 11. The fine lines fade and most disappear, but the strong line at the dentil tips from star 3 to star 4 remains clear. Usually seen with low spots on lower half of die, often blunting the bust tip and parts of the date.

REVERSE: (Same as N-38, earlier) **Strong, wide line (actually two lines very close together) from right top of N in UNITED up to left to dentils. Two strong points down to right from base of E in CENT.** Other lines at various angles from top of UNIT, E in STATES, and MERIC. Sharp line up to left from left side of C in CENT to stem below berry. Lump on bottom of T in CENT. Sharp point up to left from left top of ribbon loop under E in CENT. Line closes the C in AMERICA. Other fine lines and points visible on sharp examples. These lines and points fade slightly but most remain clear, the strong line from N in UNITED and one to left from C in CENT clearest on lower grade examples.

RARITY 5- (One example seen in mint state, and it has a significant amount of mint red remaining. Three seen in About Uncirculated grades, eight in Extremely Fine grades, many in Very Fine grades.)

DIE STATES: All as above; only minor die wear and no cracks seen during this marriage. A large percentage of this variety come with low spots on the obverse (caused by debris/lubricant on the die).



1848

(N-38)



OBVERSE: (DRN 8 0 5 5 3 4) (Same as N-5 & 39, later than N-5, earlier than N-39.) Small lump on temple. Small lump between R & T, another in space right of Y. (The repunching right of the base of the second 8 seen in the N-5 marriage was lapped off the die prior to this marriage.) Some have a low spot weakening the 4 and lower curls (caused by debris on the die).

REVERSE: (Same as N-37, later, lapped.) **Strong line up to left from right top of N in UNITED to dentils. Line up to left from left side of C in CENT to stem below berry.** Other weaker lines at different angles from tops of UNIT and MERI, and a line closes the C in AMERICA with a point to right from right top of that letter. Earliest has a sharp lapping line from the dentils through D in UNITED to berry below ST. Most of the lines and points fade and disappear, but the line from C in CENT to stem at left is always visible. Develops a faint crack from the dentils over the left side of N in UNITED to the right top of that letter passing to the tops of IT, but you will need a sharp example to see this crack. Latest has a strong line or bar connecting two leaves under the F in OF.

RARITY 4- (Three seen in mint state; one of those shows a significant amount of mint red the other two have traces of mint red still visible. Two more seen in About Uncirculated grades; four in Extremely Fine grades, many in Very Fine grades.)

DIE STATES:

- a. Lines over UNIT and ERIC visible. Line through D to berry visible.
- b. Line through D gone. Faint crack at NIT sometimes visible.
- c. Heavy line or bar joins two leaves under F. The strong line from right top of N in UNITED now faint.

1848



(N-39)



OBVERSE: (DRN 8 0 5 5 3 4) (Same as N-5 & 38, later) Small lump on temple. Small lump between R & T, another in space right of Y. Slight roughness always present at inner curl.

REVERSE: (Same as N-1, later, lapped.) **Elongated lump on left side of O in ONE; another on the top of O and left side of that N.** Earliest has fine lapping lines over UNIT extending to dentils at ribbon tip, but these fade quickly and only show on higher grade examples. The field at right top of E in ONE is always slightly rough. The lumps are always visible.

RARITY 5+ (One seen in mint state, and it has generous traces of mint red remaining visible. Seven more seen in Extremely Fine grades, eight in Very Fine grades.)

DIE STATES: All as above. (One seen with a severe low spot from star 7 to star 11.)



1848

(N-40)



OBVERSE: (DRN 7 9 3 3 4 6) (Same as N-2, later) **The 1 is strongly repunched with a clear extension of the upright below the base.** Weaker repunching under the peak of the 1. First 8 also repunched, clearest at the left side of the base. The first 8 is partially filled with crumbling between the loops on the left side; the second 8 is filled more strongly in the same location. Sharp example will show two short lines on the cheek in the form of a boomerang. Lumps on the jaw and neck, strongest just below the boomerang lines. Small lump close over foot of R. Develops a thin rim cud break at the outer edge of the rim under 48, and this cud later extends up to the base of the dentils as shown in the diagram.

REVERSE: (Same as N-42, later, lapped) **Points down from base of E in ONE, the strongest one left of the center of the upright.** (On N-2, the strongest point is right of center of that upright.) Other points down from N in ONE and C & E in CENT. Other tiny points in earliest state. Vertical line from left side of C in CENT to leaf below. Fine vertical lines down through E in ONE at serif of crossbar. Small lump on right side of second A in AMERICA. The lines and points fade but most remain visible, especially the strong point down from the base of E in ONE and the line down from the left side of C in CENT.

RARITY 3 (Six seen in mint state; five of those show traces of mint red. Ten seen in About Uncirculated grades, more than a dozen in Extremely Fine grades.)

DIE STATES:

- a. Without rim cud break under 48.
- b. Thin cud break on outer edge of rim under 48 (not reaching base of dentils). (Very Rare)
- c. Rim cud break under 48 extends up to base of dentils. (Very Rare) **PHOTO**



1848

(N-41)



OBVERSE: (DRN 5 8+ 3 4 7 6) Earliest has strong hub roughness at dentils and fine lines up to left from dentils under left side of star 13, some reaching base of second 8. Short but strong line up to right connects lowest curl to tip of inner curl; a couple tiny points up at same angle from lowest curl just right of the line. Crumbling fills the outer left notch between the loops of the second 8 very early. The lines from the dentils at star 13 fade and disappear; later the ones at the inner curl also fade away. The hub roughness becomes less obvious but it never completely disappears. Some later examples have the curls over 48 weakened by low spots.

REVERSE: Sharp point down from near right end of base of T in CENT. Vertical lines down through E in ONE at serif of crossbar. Fine vertical line from right top of T in UNITED to dentils above, another up to right from left top of that E, and another inside the top of M in AMERICA. Always has some small lumps on bases of CEN in CENT. The lines fade and disappear, but the point down from the T in CENT remains visible, although shorter in latest state. A sharp spike is added up to left of horizontal inside the lower half of E in CENT, but this also fades. Latest has a fine die crack through the top of UNITE to dentils over D.

RARITY 1 (Two dozen seen in mint state; seven of those show a significant amount of mint red, seven more have traces of mint red still visible. Many seen in About Uncirculated grades. One of the easier varieties of the year to find in high grade—except for die state d.)

DIE STATES:

- a. Second 8 **not** crumbled on left side at notch between loops. (Comes weakly struck.) (Scarce)
- b. Crumbling on left side of second 8 at notch between loops.
- c. Horizontal spike inside bottom of E in CENT.
- d. Spike inside E faint or gone. Fine crack at UNITE to dentils over D, strongest from right top of E to dentils. (Rare)



1848

(N-42)



OBVERSE: (DRN 7 0 3 4 6 6) (Same as N-15, later, lapped) **Many nearly vertical lines down from main curl and inner hair bun to inner and lowest curls.** Other fine vertical lines down from nose, lips, and chin. Fine lines up and down to left from neck. The hub defects seen on the earlier N-15 marriage have been lapped away and the central portion of the die now appears to bulge outward slightly (similar to N-26). This effect is most evident in the field near the inner and main curls. Earliest has fine polishing lines down to right in the fields, strongest over bust and in front of face. These lapping lines fade and disappear but the other lines remain clear.

REVERSE: (Same as N-40, earlier) **Heavy, rough vertical line near leaf at right top of T in CENT.** Other strong vertical lines and points at NE and CENT. Strong line down to left through N in UNITED to leaf below. Points down from leaf under U. The lines and points fade only slightly and the heavy line right of T in CENT remains bold. Some have strike doubling on UNITED STATES.

RARITY 5+ (One seen in mint state, and it is struck slightly off center to K-7.5. One seen in About Uncirculated, two in Extremely Fine grades, eleven in Very Fine grades. Most are in grades of Fine and below.)

DIE STATES: All as above.

Note: Two examples are known struck off center and several others have the dies slightly misaligned. **PHOTO**



1848

(N-44)



OBVERSE: (DRN 3 5 5 5 8 7) (Same as N-46, 32, and 6. Later than N-46, earlier than N-32 & 6) Small lump between R & T, another in space right of Y. Fine line up from right base of L. Earliest has reflective fields. Lapping during the marriage temporarily restores the reflective finish to the fields, but the usual matte finish soon reappears. LIBERTY relatively weak, especially IB.

REVERSE: Tops of C & E lightly connected by crumbling. Outer left curve of first S in STATES has a notch taken out of it directly above the lower serif. Earliest has strong lines down to right from dentils to UN, strongest between the dentils over left side of U. Always seen with some crumbling and sinking around legend, strongest at ON in ONE. The lines at UN fade and only the strong one between the dentil tips over the left side of U remains visible. Lapping then removes the remaining traces of the lines at UN and smooths out much of the roughness and sinking. Latest has a strong die crack from dentils to ME and the section of die outlined by this crack shifted outward slightly.

RARITY 5+ (Two seen in mint state; one of those shows a significant amount of mint red, the other has traces of mint red still visible. Two seen in Extremely Fine grades, four in Very Fine grades. One of the varieties of 1848 that is especially difficult to find in high grade.)

DIE STATES:

- a. Lines at UN clear. (Some softly struck on coronet over LIB.)
- b. Lines at UN gone. Sinking and crumbling around legend, clearest at ON. (One seen struck on a thin planchet weighing 129.4 grains.)
- c. Die crack from dentils through ME. (Extremely Rare)



1848

(N-46)



OBVERSE: (DRN 3 5 5 5 8 7) (Same as N-44, 32, and 6, earlier) Fine lines up to left from dentils under 48 and star 13. Small lump between R & T and another in space right of Y. Fine line up from right foot of the L.

REVERSE: (Same as N-10 & 11, later than N-10, earlier than N-11.) **Cracked from dentils over A through top of MERIC to dentils over left side of adjacent A. Another crack from dentils down to first crack just left of right top of M.** The cracks are clearest at the top of M and on either side of I. Small lumps on tops of ENT, another elongated one on left side of O in ONE. Legend is sinking slightly, strongest at UNITED STA and ONE.

RARITY 7+ (Six known; the finest is the discovery coin that grades F12+.)

DIE STATES: All as above. *PHOTO*

Note : This variety was discovered by Thomas R. Wagemaker in 1991, and a second example was found by Donald Weathers in 1995. Four more have been discovered since then, all in low grade.

1849

Newcomb No.	Date Reference No.	
16	1 4 1 2 8 8	
2,3	1 4 3 4 8 8	
24	1 4 4 4 8 8	
14, 17	1 5 2 3 7 9	
5	1 5 3 4 8 9	
4	1 5 4 5 7 7	
(30), 1, 23	2 4 5 5 7 6	
20	2 5 6 6 7 5	
18	3 5 4 5 6 8	Proof Only
22	3 6 4 5 3 7	
(26), 21	3 6 5 7 2 6	
7	4 7 5 5 2 5	
8	4 7 5 6 3 7	
(29), (28)	4 8 3 5 8 7	
9, (27)	4 8 4 5 1 7	
19	5 8 3 6 7 7	
10	6 9 3 6 6 7	
25	6 9 4 5 8 6	
11	6 9 5 5 1 4	
12	8 0 5 8 3 5	

Varieties Delisted

N-6	Late state of N-22
N-13	Late state of N-23
N-15	Intermediate state of N-1



1849

N-1
N-15



OBVERSE: (DRN 2 4 5 5 7 6) (Same as N-30 & 23, later than N-30, earlier than N-23.) **Lines up to right from inner curl to main curl and inner hair bun, the line from the tip of the inner curl up at an angle slightly closer to vertical than the other lines.** These are crossed by other lines down slightly to right of vertical from main curl and inner hair bun. The area close in front of the neck is slightly raised and covered with fine lines parallel to the neck. These are crossed by a few heavier short lines down to left from neck. Two lines up to right from dentils at stars 1-2. Elongated lump close under star 13. The lump under star 13 and vertical lines down from the main curl and hair bun fade and disappear. Small lumps form on front edge of nose. Develops a series of thin rim cud breaks, first over star 7, then over star 8 nearly to star 9, eventually becoming a continuous thin break from left of star 5 to right of star 12. The lines up to right from the inner curl are always clear. (See N-2 and 22)

REVERSE: (Same as N-7, later) **Always crumbled inside top of N in ONE and between tops of C & E in CENT.** The die continues to crumble as described below. Small lumps always present on left base of N in ONE and top of C in CENT. Develops a horizontal bar bisecting the O in OF early in the marriage. This bar remains visible until the latest state, when it is lapped away. Pieces with the bar in O were Newcomb's #15. Sinking occurs around legend and a very thin rim cud forms over the M late in die state **c**, but it rarely shows.

RARITY 4 (Five seen in mint state; one of those shows a significant amount of mint red, one other has traces of mint red still visible. Eight more seen in About Uncirculated grades, fifteen in Extremely Fine grades.)

DIE STATES:

- a. Without horizontal bar bisecting O in OF or crumbling inside bottom of R. (Scarce)
- b. Horizontal bar in O in OF. Without crumbling in bottom of R in AMERICA.
- c. Crumbling inside bottom of R in AMERICA.
- d. Crumbling under the left top of E in CENT (the crumble touches the upright).
- e. Horizontal bar in O in OF lapped away. Crumbles of states c & d still clear. (Rare)

Note: Breen lists several examples of N-1 in proof. These are early strikes of N-30.



1849

N-2



OBVERSE: (DRN 1 4 3 4 8 8) (Same as N-3 & 24, earlier) **Lines up to right from inner curl to main curl and inner hair bun.** Lighter lines up slightly to left of vertical from tip of inner curl to main curl. The lines up to right are sharp early but become a bit dull as the die wears. They are always visible.

REVERSE: Parallel lines at tops of NITE, the ones at N at a slightly different angle. These lines fade and disappear as extensive crumbling consumes the legend and wreath. The diagram shows the shape of some of the major crumbles, but it is far from complete. A progression of these crumbles is detailed below. (See N-3)

RARITY 2 (More than two dozen seen in mint state; five of those show a significant amount of mint red. Many more have generous traces of mint red remaining visible.)

DIE STATES:

- a. Lines at NITE sharp. Without crumbling inside top of N in ONE. (Very Rare)
- b. Crumbling inside top of N in ONE.
- c. Crumbling joins tops of C & E in CENT.
- d. Round lump under first S in STATES (occurs first). Crumbling inside bottom of E in CENT and on top of berry 3.
- e. Crumbling joins berry 3 to leaf 4.
- f. Crumbling on left upright of N in ONE along bottom of serif.
- g. Crumbling connects C in CENT to leaf 3. Lines at NITE weak but visible.
- h. Crumbling connects C in CENT to berry 2.
- i. Crumbling on berry 4 (first on top, then on left side).
- j. Crumbling connects leaves 12 & 14.
- k. Crumbling inside top of E in CENT.
- l. Crumbling on berry 11.
- m. Crumbling connects tops of O and N in ONE.
- n. Crumbling on berry 6.

- o.** Round lump under first S in STATES gone. Crumbling connects ME to wreath.
- p.** Crumbling inside bottom of second A in AMERICA.
- q.** Crumbling on bottom of leaf 25. Crumbling connects leaves 24 & 25.
- r.** Crumbling on berry 10.
- s.** Crumbling on top of berry 2 (first). Crumbling connects E in UNITED to wreath.
Horizontal line connects O & F.
- t.** Crumbling joins leaves 7 & 9.
- u.** Crumbling inside left upright of N in CENT at foot.
- v.** V-shaped crumble in field connects tops of N & T in CENT.
- w.** Crumbling on bottom right of O in ONE and on berry 12.
- x.** Crumbling connects leaves 11, 12, & 14.
- y.** Crumbling on leaf 21.
- z.** Crumbling connects leaves 2 & 4.
- aa.** Crumbling on berry 7.
- bb.** Crumbling under base of T in CENT that does not touch the base. Crumbling on leaf 6, leaf 19, under upper left serif of left upright of E in CENT, connecting leaves 10-11- 12, and connecting leaves 21 & 22.
- cc.** Crumbling under base of T in CENT connects with base of that letter. Crumbling fills lower left of N in CENT.
- dd.** Crumbling connects leaves 23, 24, & 25.
- ee.** Crumbling on berry 9.
- ff.** Crumbling connects bases of O & N in ONE.
- gg.** Crumbling on left upright of first T in STATES, on top right of berry 1, on bottom edge of ribbon loop, and on right bottom of N in ONE. (Rare)
- hh.** Crumbling on outer left curve of first S in STATES.
- ii.** Crumbling on top left edge of leaf 8 as wide as a dentil.

Note: Jules Reiver prepared an initial breakdown containing 17 distinct die states for N-2. This was expanded by Dan Argyro, and Dan's revised 1996 list formed the basis for the sequence of die states shown here. In 2015 Herb Brunhofer went even further and broke the progression into more than 70 die states by sequencing the multiple crumbles I have listed within some die states. The die states of this variety are broken down in rather excruciating detail because they are popular and widely collected. The earliest and latest states are known to be rare. I am confident many of the intermediate states listed here also are quite rare.



BERRY
NUMBERS



LEAF
NUMBERS

Berry and Leaf Numbers used on Crumbling Charts



1849

N-3



OBVERSE: (DRN 1 4 3 4 8 8) (Same as N-2 & 24, later than N-2, earlier than N-24.) **Dull lines up to right from inner curl to main curl.** Some very short lines up to right from main curl. Fine lines up slightly to left of vertical from tip of inner curl to main curl. The lines at the curls become increasingly dull as the area around the inner curl becomes slightly rough, but the lines are always visible.

REVERSE: **Fine lines down to right from base of C in CENT and a point down from left base of that N.** Fine lines down to left from dentils to top of E in UNITED. Always has some lumps and roughness around the edges of ONE CENT, but the earliest has no crumbling. Sharp examples also show a strong triangular lump on the left fold of the ribbon just above the stem. The lines and point fade and eventually become lost in crumbling, and the crumbling begins to form very early. The crumbling is similar to that found on N-2, but the shapes and sequence are quite different. The diagram shows the shape of some of the crumbling, but not all. A sequence of the crumbling is outlined below.

RARITY 3+ (Ten seen in mint state; three of those show a significant amount of mint red, four others have traces of mint red still visible. Three more seen in About Uncirculated grades; ten in Extremely Fine grades. The finest seen in state a grades Extremely Fine; undoubtedly other die states are quite rare in higher grades.)

DIE STATES:

- a. Without crumbling inside top of N in ONE. (Rare)
- b. Crumbling inside top of N in ONE. Crumbling connects tops of C & E in CENT.
- c. Crumbling below right foot of M.
- d. Crumbling connects bottom of E in UNITED to wreath below.
- e. Crumbling joins bottom of ME to wreath. Crumbling inside bottom of E in CENT, connecting C in CENT to leaf 3, on bottom of berry 4, on top of berry 11, connecting leaves 24 & 25, on tip of leaf 25, and on right bottom of berry 1.
- f. Crumbling on bottom of D in UNITED (first), on bottom of berry 3, on right top of O in ONE, and connecting left bottom of N in UNITED to leaf 2.
- g. Crumbling connects C in CENT to berry 2.
- h. Crumbling on O in ONE extends into field.

- i. Crumbling connects left foot of N in UNITED to leaf 5 and leaf 25 to stem.
- j. Crumbling on base of first T in STATES.
- k. Crumbling on right side of leaf 6 and on leaf 11.
- l. Crumbling connects leaves 7 & 9.
- m. Crumbling on leaf 7.
- n. Crumbling under left foot of R, under right foot of the second A in AMERICA, under left foot of A in STATES to under base of T at left, and on bottom of berry 6.
- o. Crumbling connects base of D to leaf 8. Crumbling on berry 5.
- p. Crumbling connects leaves 1 & 2 and leaves 8 & 9.
- q. Crumbling inside bottom of second A in AMERICA and on left bottom of I in UNITED.
- r. Crumbling connects bottoms of C & E in CENT and O in ONE to leaf 7.
- s. Crumbling on top of berry 12.
- t. Crumbling under right top of T in CENT.
- u. Crumbling inside A in STATES.
- v. Crumbling forms V joining tops of N & T in CENT.
- w. Crumbling inside bottom of N in ONE and more tucked under the crossbar of that E.

(See the note at the end of 1849 N-2. Those comments also apply to N-3, except that the initial breakdown prepared by Jules Reiver noted 5 die states rather than the 23 listed here. Herb Brunhofer has expanded the list to 70 distinct die states.)



BERRY
NUMBERS



LEAF
NUMBERS

Berry and Leaf Numbers used on Crumbling Charts

1849



N-4



OBVERSE: (DRN 1 5 4 5 7 7) Usually has thin points down to left from main curl over tip of inner curl, the right point strongest. The bottoms of the 4 & 9 are not fully impressed into the die and are weaker than normal. Earliest has slightly reflective fields and a fine polishing line down to right just right of star 3 and another up to left from star 9, but these disappear quickly. The points down from the main curl fade and eventually disappear, the right point the last to go. All of the 4, bottom half of the 9, and TY often very weak in later states.

REVERSE: Strong line up to right from top of U to dentils; other lighter lines at same angle from top of N to dentils. Line up to left to dentils from top of E in STATES. Earliest also has fine lines at various angles over ITED, TES, and MERICA. Lump on base and right upright of N in CENT. The lines fade and disappear, the strong one at U the last to go. Develops cracks very early from leaf tip under ES through OF to dentils over F and a faint one from dentils through MER while the lines at UN are still sharp. Additional cracks form later at UNITED and STATE when the lines at UN are gone; the crack connecting the T & E in UNITED is the strongest. Some later states have strike doubling at TES OF.

RARITY 1 (Fifteen seen in mint state; three of those with a significant amount of mint red, eight more with generous traces of mint red visible. Two of the mint state examples are "Fatboys.")

DIE STATES:

- a. Lies from UN to dentils sharp. Reverse uncracked. (Seen with the reverse rotated 20 degrees clockwise.) (Very Scarce)
- b. Lines at UN visible. Crack through top of STATE and from leaf tip through OF to dentils. (One seen struck on a planchet with beveled rims—see N-5 and N-8.)
- c. Lines at UN gone. Additional crack through UNITED. Right point from main curl still visible. (Note: Some in this state are struck on oversize planchets measuring a full 28.0 mm in diameter and usually weighing more than the standard 168.0 grains; the heaviest known weighs 177.6 grains. These are often called "Fatboys.")
- d. Points down from main curl gone. (Rare)



1849

N-5



OBVERSE: (DRN 1 5 3 4 8 9) **Point of curl touches top of 8. 184 lightly punched into die especially base of the 1.** Rough vertical lines from inner to main curl. Short, curved line near dentils under right side of 9. Roughness always present near dentils and to right of the 9. The lines fade but remain visible. The rim is beveled in later die states, normal (squared) in the early states.

REVERSE: (Same as N-9, later) **Crumbling connects tops of C & E in CENT and extends up into field.** Crumbling fills top of N in ONE and bottom of E in CENT. Other crumbling always present in wreath. Line down to right from dentils to left top of I in UNITED. This line fades and becomes obscured by roughness. The legend and wreath sink as crumbling advances, the sinking strongest on left side of die. A small triangular rim cud break forms under stem. The rim is beveled in later die states, normal (squared) in earlier states. Sequence of crumbling noted below. (See diagrams at N-2 & 3 to identify leaf and berry numbers.)

RARITY 4- (Six seen in mint state; two of those show a significant amount of mint red, two others have traces of mint red still visible. Only two seen in About Uncirculated grades; ten more in Extremely Fine grades.)

DIE STATES:

- a. Without crumbling joining leaves 24 & 25. (Same as latest state of N-9)
- b. Leaves 24 & 25 joined by crumbling.
- c. Crumbling on berry 4 (not just below the berry as seen on N-9). (The rims start out squared in this state but become clearly beveled on both sides before state d.)
- d. Crumbling joins leaves 10 & 12. (A small triangular cud or lump forms on the rim under the stem during this state, but it is not present at the beginning of this state.) **PHOTO**
- e. Crumbling on berry 10 (joins bottom of berry to leaf below)
- f. Crumbling on berry 11. (Some have minor crumbling on the outer edge of rim over ED-S.)
- g. Crumbling on berry 6.
- h. Crumbling inside top of E in CENT.
- i. Crumbling inside bottom of R in AMERICA (a tiny bit shows in upper part of R bottom in f.)
- j. Crumbling connects leaves 11 & 12.

Note: The "Proof" listed in the Sloss catalog, Kosoff 10/21/1959:271, is a very early business strike.

1849



N-7



OBVERSE: (DRN 4 7 5 5 2 5) **Vertical lines down from main curl to inner and lowest curls.**

Other lines up and down to right from main and inner curls. Earliest has sharp repunching over tops of 18. The repunching over the 1 nearly touches the bust, and the repunching at the top of the 8 creates a "homed" 8. Strong line down to left from throat with weaker ones at same angle from neck. Strong lines down from throat parallel to front edge of neck and close to it. Tiny lumps on neck and jaw, strongest under earlobe. The lines and repunching fade and most disappear, but some vertical lines at the inner curl remain visible. Crumbling develops on most of the stars as roughness fills the fields and the fields rise around the date. The digits become thinner, especially at the bottom, and the DRN changes to 5 7 5 5 3 5. Crumbling and sinking become severe and a strong lapping removes the roughness and further weakens the digits; the DRN is 4 7 7 6 5 8 in latest state.

REVERSE: (Same as N-1, earlier) Sharp, thin point down from right pendant of T in CENT. Lump on left base of N in ONE; a smaller one on top of C in CENT. The die swells around the wreath and letters and the tops of C & E become joined by crumbling while the point down from T is still sharp. Additional crumbling forms as the point from T fades and disappears. Sequence of crumbling outlined below. (See diagrams at N-2 & N-3 for leaf and berry numbers.)

RARITY 4 (Six seen in mint state; one shows a significant amount of mint red while three more have generous traces of mint red remaining. More than a dozen seen in About Uncirculated grades.)

DIE STATES:

- a. Tops of C & E not joined by crumbling.
- b. Tops of C & E joined by crumbling. Traces of repunching at tops of 18 remain.
- c. Crumbling on berry 11. Traces of repunching still visible over top of 1.
- d. Crumbling in top of N in ONE. Repunching at top of 1 gone.
- e. Crumbling joins leaves 24 & 25. (The obverse is heavily lapped to remove roughness during this state. Therefore, state e comes with both rough and smooth obverse fields.)
- f. Crumbling on berry 12.
- g. Crumbling on berry 4.

1849



N-8



OBVERSE: (DRN 4 7 5 6 3 7) **Heavy lines down from bases of ERT and earlobe.** Elongated lump down just right of eye. Line from outer point of star 13 to dentils. Early state has repunching at right base of the 9, and this is sometimes called a 9 over 8 overdate. It may be an overdate, but it may be a repunched 9. Lines from dentils at star 2 to above star 4. In the earliest state the rims are beveled similar to those found on some die states of N-5. The repunching on the 9 is lapped away (actually a faint trace is still visible immediately following the lapping, but it disappears quickly) and the lines at stars 2-4 are weakened. The rims return to a normal squared form immediately following the lapping. The lines down from the earlobe and one at star 13 fade and are gone in latest state. The lines at ERT remain visible.

REVERSE: The die is double hubbed (a doubled die), showing clearest at the top of the first **S** and on the crossbar of the first **T** in **STATES**. (See N-10 & 27) May come uncracked, but the earliest seen has a faint crack through the legend as shown. These cracks grow stronger and some minor branch cracks form. Latest has a blurry legend and the field rising around the legend and wreath. (Note: The doubling on the reverse **does not show in the earliest die state** before the die was lapped. In this earliest die state there are points up from the left base of E in ONE and the tops of the E & N in CENT plus die lines through the U & D in UNITED.)

RARITY 2 (More than a dozen seen in mint state; six of those show a significant amount of mint red, two others have traces of mint red still visible. Ten more seen in About Uncirculated grades.)

DIE STATES:

- a1.** Uncracked reverse. (One seen in low grade. Need a higher grade to confirm.)
- a2.** Reverse is lightly cracked but unlapped. Points up from E in ONE, E & N in CENT. Dull dash from repunching left of base of 1 in date. (Extremely Rare)
- b.** Lines at dentils from star 2 to star 4 clear. Reverse cracks faint, then clear. Repunching at right base of 9 clear. Rims nearly always beveled.
- c.** Lines at dentils from star 2 to star 4 dull and faint. Repunching on 9 gone or extremely faint. Rims normal (squared, not beveled)
- d.** Lines at dentils from star 2 to star 4 gone. Reverse sinking (field rising around legend).



1849

N-9



OBVERSE: (DRN 4 8 4 5 1 7) (Same as N-27, earlier) **Two fine lines up to right connect top of inner curl to main curl.** Many fine lines close together from bust tip to left side of 8, plus a few to the tops of the 1 & 8, up through the bust tip, and at the chin in earliest state. Tiny lump at right base of Y. Minor crumbling always present on stars 2-8. Bottom half of date is weakly impressed into die. The fine lines at the chin and bust tip disappear quickly; the ones to the left side of the 8 fade and are barely visible late. The two lines at the inner curl remain visible. Crumbling develops on star 12 after all the reverse crumbles appear. A series of thin rim cud breaks also form at stars 7-9.

REVERSE: (Same as N-5, earlier) **Strong line down to right from dentils to left top of I in UNITED.** A lighter line down to left from dentils to left to top of that T. Other fine lines at various angles over UNIT; others up to right from MERICA to dentils. The fine lines fade and most disappear, but traces of the lines at RICA and the stronger lines to IT in UNITED remain visible, the one to I clearest. Develops crumbling around legend in the sequence outlined below.

RARITY 4+ (Two seen in mint state; one of those shows a significant amount of mint red, the other has traces of mint red still visible. Four more seen in About Uncirculated grades, ten in Extremely Fine grades.)

DIE STATES:

- a. Tops of C & E in CENT not joined by crumbling. (Rare)
- b. Tops of C & E joined by crumbling. (One seen with the entire obverse blunted by grease.)
- c. Crumbling in bottom of E in CENT.
- d. Crumbling in top of N in ONE.
- e. Crumbling joins leaf 12 to leaf 14. (See diagrams at N-2 for leaf and berry locations.)
- f. Crumbling on berry 5. (The most common die state in high grade.)
- g. Crumbling joins leaf 7 to leaf 9. (The crumbling on star 12 occurs in this state.) (Rare)

1849



N-10



OBVERSE: (DRN 6 9 3 6 6 7) **Normally has a lump on upper edge of coronet under star 6.** Always has some minor roughness and crumbling around the stars and along the profile, neck, and bust. A small gouge on the rim causes a triangular lump on the outer edge of the rim left of star 3. A lump forms very early on the upper edge of the coronet under the right point of star 6. This lump expands to the left, eventually reaching to under the left side of star 6 as the crumbling and roughness become more severe over the rest of the die and a strong, raised outline of roughness follows the profile. A strong lapping late in the marriage removes nearly all the roughness (still present on inner edges of stars 1-4) and leaves a shallow relief with some rather strong lines down slightly to left of vertical from the outer hair bun and in the field below. The obverse fields are reflective immediately following this late lapping. Several very thin rim cuds are sometimes visible at stars 1 and 12-13 in die state **d**.

REVERSE: (Same as N-25 and N-27, later) **Die is double hubbed (doubled die), showing clearest at UNITED STATES OF AME and upper portion of wreath.** (See N-8) Tops of ERICA crumbled (see N-25). Dull points or lumps on left top of E in ONE; others on top of C, E, & T in CENT. Line up to left from top of N in UNITED. This line fades and disappears. The doubling fades slightly as the die wears, but it remains visible, clearest on the crossbar of the A in STATES. A very fine crack forms through the top of MERICA to the dentils at the stem tip. Lapping late in the marriage leaves reflective fields and adds a fine line down to right from the dentils to right top of T in UNITED. A series of very thin rim cud breaks develop from over OF clockwise to under the stem, the strongest portion over the second A in AMERICA.

RARITY 3+ (Five seen in mint state; one of those shows a significant amount of mint red, three others have generous traces of mint red remaining. Five more seen in About Uncirculated grades, six in Extremely Fine grades.)

DIE STATES:

- a. Without lump on top of coronet under star 6. (Rare)
- b. Small lump on top of coronet below lower right point of star 6.
- c. Lump on coronet extends left to beyond middle of star 6, eventually reaching under left edge of star 6. Obverse fields sinking and covered with fine die rust.
- d. Lapping removes obverse roughness and leaves lines under inner bun. Line added to top of T in UNITED. Often shows very narrow rim cuds: two at star 1 and a long one from star 12 to star 13. (The tiny "cud" at star 3 is a file gouge present in all states.)



1849

N-11



OBVERSE: (DRN 6 9 5 5 1 4) **Repunching under right base of 1. Points down to right from star 5.** Additional repunching right of top of 1 and on 8. Many lines and points down to right from dentils through star 5 into field. Other lines at various angles at profile, jaw, throat, buns, and curls. Curved line and small lumps on cheek. The lines and points fade and most disappear, but dull traces of the strong points at star 5 and line under base of 1 remain visible.

REVERSE: **Vertical lines and points at CENT, strongest at NT.** Other lines down to right at E in ONE and T in CENT. Lines up to right through MERI to dentils, strongest at ER. Other weaker lines at different angles at MERI. The lines and points fade and most disappear, but traces of the vertical ones at NT remain visible. Develops a series of rim cud breaks from U to below the stem in the sequence outlined below.

RARITY 1 (More than 20 seen in mint state; only one of those shows a significant amount of mint red while many show generous traces of mint red. More than a dozen more seen in About Uncirculated grades. More than a half dozen examples with various rim cuds are in mint state.)

DIE STATES:

- a. Repunching and die lines clear. No rim cud breaks on reverse. (The usual die state.)
- b. Repunching & lines dull. Rim cud from ribbon tip to **left** top of U. (Very Rare) **PHOTO**
- c. Rim cud break extends to **right** top of U. Repunching and lines faint. (Scarce) **PHOTO**
- d. Small rim cud break (1.5 dentils wide) under left edge of ribbon loop. (Unique) **PHOTO**
- e. The small rim cud break extends left and becomes 3 dentils wide. (Unique) **PHOTO**
- f. Additional small rim cud break under ribbon tip. (Extremely Rare) **PHOTO**
- g. Additional strong rim cud break under ribbon loop and stem. In this terminal state, the repunching under the right base of 1 and strongest die lines are dull and faint. (Rare) **PHOTO**



1849

N-12



OBVERSE: (DRN 8 0 5 8 3 5) **Point of curl well right of 8. Strong point down to left from throat.** Fine lines up to right of vertical from inner curl to main curl; others up to left from neck and down to right from chin. Strong point down from bottom of inner hair bun. Other fine lines from profile in earliest state. Sharp examples show a curved line on cheek. These lines fade and most disappear, but the lines at the inner curl and points from the throat and inner bun remain visible. Clashing leaves a dull line to the left from the nose even with the eye, but this line fades. The field is flowlined and slightly rough in latest state. Some early examples have the curl at star 13 severely weakened by a low spot, and a few have the date clogged, especially the 184.

REVERSE: (Same as N-24, later) Earliest has lines down to right from dentils over tops of UN, strongest over left side of U. These lines fade and disappear, a few remnants between the dentils over the left side of U visible the longest. Small lump on left upright of E in CENT. Clashing leaves a dull, irregular line up from the right top of the T in CENT close to the leaf. A lapping soon after the clashing weakens the clashmark and leaves fine, nearly vertical polishing lines in the fields, clearest at O in ONE and C in CENT. These lapping lines fade and disappear quickly. The lump on E in CENT is always visible.

RARITY 2 (A dozen seen in mint state; two of those show a significant amount of mint red and five more have generous traces of mint red remaining visible.)

DIE STATES:

- a. Lines over UN visible. (Scarce)
- b. Lines over UN gone.



1849

N-14



OBVERSE: (DRN 1 5 2 3 7 9) (Same as N-17, earlier) **Heavy, rough lines down to right from main curl and buns.** Short lines down slightly to right from throat and neck. The 4 is repunched with a vertical line left of upright and spur from bottom of crossbar left of serif. In the earliest die state there is repunching visible at the left of all 4 digits. A die polishing during the marriage adds many fine lines down to left at the main and inner curls with extensions down from the lowest curl to star 13 and the 9 in the date. The repunching left of the upright of the 4 is removed by this lapping. The other strong lines and points remain clear, especially the ones down to right from the main curl. Often seen with low spots in the fields, and the date occasionally is weak from die clogging, especially the 184.

REVERSE: Lines down slightly to right at ON and EN in ONE CENT, strongest single line down from right base of N in ONE. Cracks form very early from dentils through top of ME and another that joins the tops of RI (not extending to the dentils). Later the crack at RI extends to the dentils over the right side of E and to the top of the adjacent C. The stronger lines at ON and EN fade but remain visible.

RARITY 3- (Two dozen seen in mint state; five of those show a significant amount of mint red, eight others have traces of mint red still visible. Most of the mint state pieces are in die state c.)

DIE STATES:

- a. Reverse uncracked. Repunching visible left of all 4 digits in the date. (Extremely Rare)
- b. Reverse cracked from dentils to ME and another connecting tops of RI and sometimes faintly to the dentils over E and top of C. Vertical repunching line inside triangle of 4 clear.
- c. Vertical line inside triangle of 4 gone. Fine lines added down to left at curls and star 13.



1849

N-16



OBVERSE: (DRN 1 4 1 2 8 8) **Right side of 9 is fatter than normal and swelling is always present inside the bottom of that digit, which is strongly punched into the die. Point down slightly to right of vertical from throat.** Some crumbling always present on stars 1-4 and 11-12. Top of 1 crumbled to bust. Fine lines up to right from inner curl to main curl and main curl to bottom of inner hair bun. A few tiny lines down to right from inner curl. Small lumps on tip of nose, lips, and bottom of chin. Tiny rust lumps form on neck below jawline. Crumbling and swelling eventually involve all the stars to varying degrees and tiny rim cud breaks form at stars 1-5, eventually extending around to star 9. None of these rim cuds is strong. The fields are often slightly reflective in spite of the swelling and crumbling. The lines and points remain visible.

REVERSE: (Same as N-23, later) **Point down to left from right base of N in ONE.** Other lines and points on same angle at N in ONE and ENT in CENT. A few small points at same angle from wreath, clearest right of top of E in ONE and below U in UNITED. The lines and points fade slightly but most remain visible. Develops minor roughness and crumbling. The central portion always appears to bulge outward slightly.

RARITY 5 (One seen in mint state, and it has a significant amount of mint red showing. Another dozen seen in About Uncirculated grades; ten more in Extremely Fine grades.)

DIE STATES:

- a. Swelling but no crumbling inside bottom of 9. (Rare)
- b. Minor crumbling in bottom of 9. No crumbling on bottom right of star 7, only minor swelling.
- c. Crumbling on right bottom of star 7 (shown on diagram). (Rare)



1849

N-17



OBVERSE: (DRN 1 5 2 3 7 9) (Same as N-14, later) **Rough, dull lines down to right from main curl.** These are crossed by lighter lines down to left which are weaker than they were in the earlier N-14 marriage. Long points down slightly to right of vertical from throat and neck. Short point to left from hollow below nose. The lighter lines down to left at the curls fade and disappear; the stronger ones down to right from those curls fade and are only points from main curl in latest state. Often seen with low spots around date and in left field.

REVERSE: Short line down to right under right pendant of T in CENT. Normally has tops of C & E in CENT connected by crumbling. Fine lines down to right at right top of T in CENT and berry at right, and a long point up to left from stem below. Fine lines at same angle under N in UNITED and left of C in CENT. A fine crack forms very early from dentils over F through top of ME to dentils over R. Later another fine crack forms from the dentils through ICA to the stem and ribbon. Most of the lines and points fade and are lapped away, but a remnant of the line under the right pendant of T in CENT remains visible. The crack at ME becomes stronger and in the latest state it has a small chip or internal cud on its left end in the dentils over F. The field rises around the legend, strongest at UNITED STATES.

RARITY 4 (A dozen seen in mint state; two of those with a significant amount of mint red remaining visible, six more show traces of mint red. Another six seen in About Uncirculated grades. No mint state examples seen in die state e or f.)

DIE STATES:

- a.1** Tops of C & E **not** connected by crumbling. Reverse uncracked. (Extremely Rare)
- a.2** Tops of C & E **not** connected by crumbling. Fine crack from dentils through top of ME. (Rare)
- b.** Tops of C & E connected by crumbling. Lines at right top of T in CENT visible. (Some seen with tiny rust lumps scattered over the reverse.)
- c.** Lines right of T in CENT gone. Crack at ME stronger.
- d.** Fine crack from dentils through ICA to stem and ribbon.
- e.** Lump on left end of crack in dentils over F. (Scarce)
- f.** Small rim cud at D in UNITED. (Semi-Unique) **PHOTO**



1849

N-18
PROOF ONLY



OBVERSE: (DRN 3 5 4 5 6 8) Proof only. **The peak and feet of 1, most of the 8, crossbar and diagonal of the 4, and bottom of the 9 are all weak and uneven as if the punches were defective.** Fine line down from right side of Y. Point down from bottom of nose close to lip. Short meandering line on nose in front of eye.

REVERSE: (Same as N-8 of 1844, et al.) **Irregular line on rim over TED.** The depth of field is shallow from excessive die polishing. See the note following 1844 N-8.

RARITY 6

DIE STATES: All as above.

Note: The obverse fields are not as reflective as normally seen on proof cents of the 1840's, and the rims are not as sharp or squared. This variety's status as a proof-only strike is not in question, but it does not represent the mint's finest efforts.



1849

N-19



OBVERSE: (DRN 5 8 3 6 7 7) **Many fine lines up to right from inner and main curls, some reaching inner hair bun.** Other lines down to right from inner curl. Fine, short lines up to left from neck and dentils at star 13. Fine lines down from LIBERTY to hair, strongest at RT. These lines fade slightly but remain visible.

REVERSE: **Fine lines up to left touch left side of C in CENT. Always has swelling along edge of leaf over C in CENT.** Field is also rising slightly around wreath, ONE CENT, UNITED STATES, and AMERICA. Faint polishing lines up to left from tops of F and AM in earliest state. Dull line connects tops of the T & A in STATES. The line at TA disappears early, and most of the other lines fade and disappear later, but the ones at the left side of C in CENT remain visible. Crumbling forms inside top of the N in ONE and at the berry under the first S in STATES. Latest has extensive crumbling in the wreath below D-S. Some sharp examples in die state **b** show a narrow rim cud over ES in STATES.

RARITY 5- (Two seen in mint state; one shows a significant amount of mint red, the other has traces of mint red. None seen in About Uncirculated, a ten in Extremely Fine grades, many in Very Fine grades.)

DIE STATES:

- a.** Without crumbling in top of the N in ONE.
- b.** Crumbling fills top of N in ONE. Additional crumbling at berry below first S in STATES (may form before or after the crumbling at N since all seen with one also have the other). Some show a narrow rim cud over ES in STATES, but wear and centering may make this disappear.
- c.** Extensive crumbling in wreath below D-S. (Rare)



1849

N-20



OBVERSE: (DRN 2 5 6 6 7 5) **Lines down slightly to right of vertical from main curl and inner hair bun, the strongest reaching the inner curl.** Points down to right from curl over left point of star 13. Points down to left from throat. Long, dull point up from space between dentils just right of 9. Small, elongated lump in space right of Y. Lapping during the marriage adds fine, nearly vertical lines to the fields, but these disappear quickly. The lines and points fade and most disappear, but some points down from the main curl over the inner curl remain visible, as do the points from the throat. A thin rim cud break forms under star 13, and this cud is joined by even smaller ones at star 2, over star 3, and a tiny one under the right side of star 13 in latest state.

REVERSE: **Many strong, rough lines down to right under MERIC and below to inside wreath. Strong, rough line connects N in ONE to N in CENT.** Many other strong points down to right from ONE and CENT in early state, plus lighter lines down to right at UNITED. Sharp early examples show lines on similar angle covering virtually the entire die. These lines fade and most disappear. In the latest state, only a few points down to right from the N in ONE and N in CENT remain visible. The clearest of these points is a dull remnant of the line down from the diagonal of the N in ONE.

RARITY 1 (Nearly two dozen seen in mint state; a half dozen of those show a significant amount of mint red, four others have traces of mint red still visible. Many seen in About Uncirculated grades. Three mint state examples seen in die state c.)

DIE STATES:

a. Lines at UNITED and MERIC clear.

b. Lines at UNITED and MERIC gone.

c. Lines on reverse gone; just a few dull points remaining from the N's in ONE CENT. Thin rim cud break under star 13, later joined by tiny ones at star 2, over star 3, and just right of star 13. Other tiny rim cuds may exist. These small cuds are visible only on high-grade examples and they often do not show due to minor shifts in centering. Absence of these tiny cuds should not be used to determine the die state.

1849



N-21



OBVERSE: (DRN 3 6 5 7 2 6) (Same as N-26, later) **Lump (remnant of hub defect) near dentils in field right of star 7. Fine lines down to right from inner curl and bottom of main curl.** Fine lines up to right from main curl close to inner hair bun. Line up to left joins neck to jaw at throat. Earliest has fine lines up to left from dentils at star 13. Fine vertical line bisects the triangle of the 4, with minor crumbling or swelling right of the vertical line. The lines fade but most remain visible, clearest from the inner curl. The lump defect right of star 7 is weakened by lapping late in the marriage but is always visible. Sometimes seen with a wire rim under the date clockwise to star 10, strongest at stars 6-9. Minor crumbling on the inside edge of this wire rim make it appear to be a thin rim cud break, but it is not.

REVERSE: (Same as N-28 in an intermediate state. The sequence of use was 28-21-28, the only remarriage known in the late date series.) **Many lines in various directions behind ONE CENT, strongest some nearly vertical ones connecting the base of E in ONE to the junction of NT in CENT.** Other lines from dentils to NIT and ERIC. The lines fade slightly but most remain visible, especially the ones inside the wreath. Some early examples have strike doubling at UNITED STATES OF AMER and many of the leaves below.

RARITY 4 (Three seen in mint state, all with traces of mint red showing. Three more seen in About Uncirculated grades; ten in Extremely Fine grades.)

DIE STATES: All as above. Only minor die wear seen during this marriage.



1849

N-22

N-6



OBVERSE: (DRN 3 6 4 5 3 7) **Early states have many lines up to right from inner curl to main curl and inner hair bun.** Point s down to left at same angle from outer bun, upper lip, and base of nose above. Fine lines up to left from upper half of neck. Lapping during the marriage removes all these lines and points, leaving slightly reflective fields and polishing lines down to left in the fields, strongest from the lowest curl to the upper left point of star 13. These polishing lines fade and disappear as the fields lose their reflectivity. Pieces in this lapped state were Newcomb's #6.

REVERSE: **Vertical line inside top of E in CENT.** Early examples also have vertical lines joining left side of C in CENT to leaf below, plus a few more at the berry to left and one from the left top of that C. Fine vertical lines from right top of E in ONE to leaf above. Point down to right from right base of N in UNITED. Earliest state has fine lines at various angles at MERIC, but these disappear quickly. Slight roughness develops around legend. Lapping removes all the lines and points except for the vertical line inside the top of E in CENT, which is dull but visible in latest state. This lapped state was Newcomb's #6.

RARITY 1 (More than 50 seen in mint state, and many of those have a significant amount of mint red remaining. Quite a few in die state **c** have far more mint red on the obverse than on the reverse. There must have been a significant hoard of these that were stored in a similar manner. Only one mint state example seen in die state **a**.)

DIE STATES:

- a.** Lines at curls and MERIC clear. (Rare) (Some have significant low spots on both sides.)
- b.** Lines at curls dull but visible. Lines at MERIC gone.
- c.** Lines at curls gone. (Newcomb's #6) (The usual state, and many mint state examples are known.)



1849

N-23

N-13



OBVERSE: (DRN 2 4 5 5 7 6) (Same as N-30 & 1, later) **Lines up to right from inner curl to main curl and bottom of inner hair bun, the line from the tip of the inner curl up at an angle slightly closer to vertical.** Two strong, short lines down to left from neck. The front edge of the neck is slightly raised and has fine lines parallel to the front edge of the neck. Lumps on bridge of nose. The field is rising slightly around the date in earliest state, and this condition becomes worse. Stars 7-9 always show various amounts of crumbling. Eventually all stars except numbers 6 & 13 are crumbled. The field rises around the rest of the legend, strongest on the lower half. A strong lapping during the marriage repairs the sinking and removes the lines and points, just a few faint remnants remaining at the inner curl. The lapping smoothed the fields and significantly reduced the strength of the digits leaving fine repunching at the bases of the 1, 4, and 9. This is Newcomb's #13. The DRN in this heavily lapped state is **1 4 6 7 1 8**. (This repunching was always present on the die, but it did not show until the strong lapping significantly reduced the thickness of the digits and allowed the repunching to show—similar to what we have seen on the double-hubbed reverse of 1849 N-8.)

REVERSE: (Same as N-16, earlier) **Point down to left from right base of N in ONE.** Other lines and points down to left from ONE and ENT; a few more from wreath and legend on sharp examples, strongest from leaf right of top of E in ONE. Lines and points always visible.

RARITY 3 (Two seen in mint state; one of those shows a significant amount of mint red. A dozen seen in About Uncirculated grades, ten in Extremely Fine grades. Most of the top examples are in die state **d**.)

DIE STATES:

- a. Lines at neck and curls clear. Minor sinking (field rising) around date. (Rare)
- b. Lines at neck and curls clear. Field rough and rising around date and lower stars.
- c. Lines clear. Crumbling on right **and** left top of star 8. Roughness and sinking severe.
- d. Lines visible over inner curl. Other obverse lines and points gone. Roughness and sinking lapped away. Fine repunching at bases of 1, 4, & 9. Crumbling on right **and** left top of star 7. (Newcomb's #13) (Note: Most of the higher grade examples are in this die state.)



1849

N-24



OBVERSE: (DRN 1 4 4 4 8 8) (Same as N-2 & 3, later) **Dull lines up to right from inner curl to main curl, some extending slightly through main curl.** Other faint lines up to left from tip of inner curl to main curl. Roughness at the inner curl always weakens these lines but they remain visible. Sharp examples show a heavy, irregular line or crack on rim near the dentil roots at star 6. The lines at the inner curl continue to fade as the roughness strengthens, but faint traces of these lines are always visible. Develops a strong rim cud break from below star 12 to star 13, later extending up to right of star 12.

REVERSE: (Same as N-12, earlier) **Two lines down to right from dentils over UN.** Lighter lines at different angles at NITED. Earliest has fine lines at dentils over ICA, but these disappear quickly; the ones at NITED disappear later. The strong lines at UN are weaker but still visible in latest state, strongest between the dentils over left side of U. Small lump on left side of E in CENT.

RARITY 3 (Two seen in mint state; one of those shows generous traces of mint red. Five more seen in About Uncirculated grades; many in Extremely Fine grades. Most of the higher-grade examples are in die state **a.**)

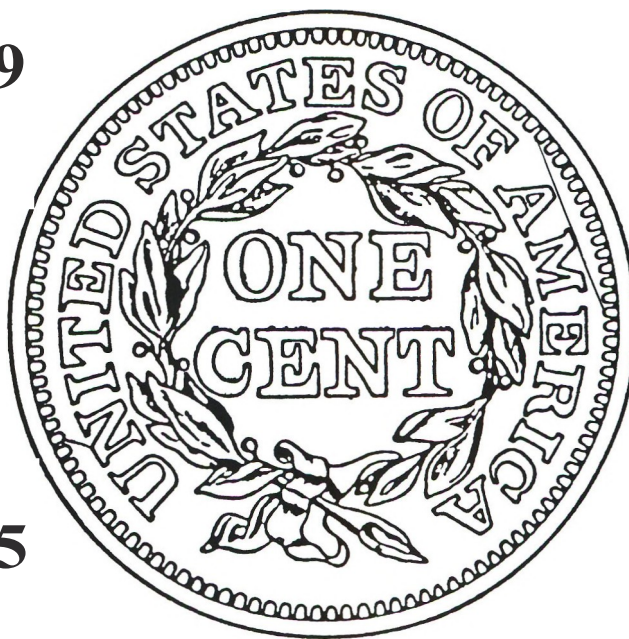
DIE STATES:

- a.** Fine lines visible over UNITED.
- b.** Lines over ITED gone. (Scarce)
- c.** Rim cud break from star 13 up to below star 12. (Extremely Rare) **PHOTO**
- d.** Rim cud break extends up to right of star 12. (Extremely Rare) **PHOTO**



1849

N-25



OBVERSE: (DRN 6 9 4 5 8 6) **Lines up to left from dentils under date nearly to star 12; others down to left from dentils at stars 7-8.** Lighter lines at various angles from dentils at stars 1-6 and star 10. Lump on cheek left of earlobe. All stars have crumbling or swelling, strongest on the side away from the dentils. The rim and fields have a wavy, irregular appearance (rather than smooth) indicating the die was not prepared properly.

REVERSE: (Similar to and possibly the same as N-10 and 27, earlier) **ERICA and the field around those letters is extremely rough and the letters are very blurry.** The fields are wavy and irregular, similar to the obverse. Rough line down to left from dentils to left top of Nin UNITED. Fine lines over AME, strongest tangent to left top of M. Lumps on edges of ONE CENT, strongest on tops of C and T (similar to N-10). The die does not show any doubling (as seen on N-10 & 27).

RARITY 7 (Nine known: two in About Uncirculated grades, the rest grading Fine and below.)

DIE STATES: All as above. **PHOTO**

Note: This variety was properly listed by Newcomb in his 1940 reference on the cents of 1816-1857, but later guides delisted it as a die state of N-10. The dies are different, and the Newcomb-Starr example (Stack's 6/13/84:625-Ted Naftzger, Goldberg 9/7/2009:958) was used to verify the accuracy of Newcomb's work. That example is the finest of only 9 known today and it brought \$37,950 in the 2009 auction.



1849

(N-26)



OBVERSE: (DRN 3 6 5 7 2 6) (Same as N-21, earlier) **Heavy trapezoid-shaped lump in field near dentils right of star 7. Fine lines down to right from inner and main curls.** Fine lines up to right from upper portion of main curl under inner hair bun. Lines up to left from dentils under date to right of star 13. Vertical lines near dentils at stars 3-4; a couple lines up to right from dentils between those stars. Lines up to left from neck to jaw near throat. Nearly vertical line inside triangle of 4. The lines from the dentils fade and disappear, but some of the ones at the inner curl and neck remain visible. The lump right of star 7 becomes smaller but remains clear. Develops some light, narrow rim cud breaks under the date, below star 1, and from above star 6 to right of star 8, but these only show on high grade examples and seldom will all of them show, even on examples in the latest die state. The coronet over LIB is almost always softly struck, and star 6 sometimes is weak from die clogging. Also seen with rather deep low spots off the dentil tips (similar to those found on some examples of 1849 N-29).

REVERSE: (Same as N-29, earlier) **Sharp point down to left from left side of E in ONE.** Other points down to left from ON and CEN. Earliest has fine polishing lines in the fields, strongest from dentils at D-STA, ES, through AME, and over U. These polishing lines fade and disappear, but the stronger points at ONE and CEN remain visible, especially the one from E in ONE. Some rather early examples seen with the reverse rotated 30-40 degrees CCW; other later examples have the reverse rotated 40-55 degrees CCW.

RARITY 3+ (Two seen in mint state, and both have generous traces of mint red remaining visible. Six more seen in About Uncirculated grades, ten in Extremely Fine grades.)

DIE STATES:

- a. Lines at dentils from star 3 to star 4. (Scarce)
- b. Lines at dentils from star 3 to star 4 gone.

1849



(N-27)

OBVERSE: (DRN 4 8 4 5 1 7) (Same as N-9, later) **Two fine lines up to right from top of inner curl to main curl.** Small elongated lump right of base of Y. Crumbling on stars 2-8 and 12. Sharp examples often show several thin rim cud breaks at stars 6-9, and these become a continuous series of small cuds as the die wears. The strength and visibility of these cuds varies depending on minor shifts in die alignment. Develops a strong spike down from dentils at star 9 and a couple small triangular lumps on rim at the same place as the spike. (This spike appears to be damage from a small tack or screw that came between the die and a planchet, the head of the screw or tack resting on the rim causing the defects there.) The defect on the rim fades and disappears, and the spike at star 9 becomes faint. The earliest examples have the fine lines from the bust tip to the 8 found on the latest examples of N-9 still visible.

REVERSE: (Same as N-25, later, same as N-10, earlier) **The die is double-hubbed (a doubled die). The doubling is clearest at UNITED STATES OF AME and upper portion of wreath.** (See N-8) Crumbling on tops of ERICA, and a faint crack passes through tops of MERICA to dentils off stem tip (the crack is weaker in this marriage due to lapping between the marriages). Dull points or lumps on top of E in ONE and CE & T in CENT. Develops a continuous series of thin rim cud breaks from OF clockwise to stem tip. The field begins to rise around UNITED and lower portion of the wreath as roughness from die rust fills that area in the late state. Latest has a small rim cud at the first S in STATES.

RARITY 4 (Five seen in mint state, all in die state **b**, and three of those have traces of mint red remaining visible. Ten seen in About Uncirculated grades; ten more in Extremely Fine grades.)

DIE STATES:

- a1.** Earliest has the fine lines from the bust tip to the left side of the 8, and the reverse is unslapped showing severe roughness around ERICA from the N-25 marriage. (Unique)
- a2.** Without spike down from dentils right of star 9. No roughness around UNITED. (Scarce)
- b.** Spike down from dentils at star 9.
- c.** Spike down from dentils at star 9 weak. Roughness and sinking at UNITED and under wreath. (Rare)
- d.** Rim cud over the first S in STATES. (Reported but not confirmed.)



1849

(N-28)



OBVERSE: (DRN 4 8 3 5 8 7) (Same as N-29, later) **Strong, dull lines up to right from inner curl to main curl, strongest an extension from the tip of the inner curl.** Tiny points up to right from lowest curl right of inner curl. Earliest has fine polishing lines down to right in the fields, strongest behind head and in field above head. Small lump on jawline near throat. Sharp examples show a small rim cud under 49 with a thin extension to just past star 13. The points from the lowest curl disappear but the dull lines from the inner curl remain visible.

REVERSE: (Same as N-21, earlier and later) **Normally has many lines in different directions behind ONE CENT, the strongest ones nearly vertical from base of E in ONE to junction of N & T in CENT.** Other lines down to right from dentils to tops of MERIC and down to left from dentils to tips of NITE. Earliest has fine polishing lines down to right covering the fields in addition to the lines described. This die is then used in the N-21 marriage and is lapped later during its second use in the N-28 marriage. The lapping removes nearly all the lines, but the ones down to right inside the N in ONE remain visible, plus some stronger diagonal ones down to left from the base of N in ONE to E in CENT. An additional lapping late in the marriage removes all lines except for faint remnants of the ones down to right inside the N in ONE and leaves fine polishing lines down to right in the fields, including a sharp line from the base of T in CENT down to right through the wreath to the dentils over the second A in AMERICA. Portions of the legend and wreath often show strike doubling.

RARITY 3 (Three seen in mint state, and one of those shows a significant amount of mint red. A dozen others seen in About Uncirculated grades, many in Extremely Fine grades. Most of the higher-grade examples seen are in die state a.)

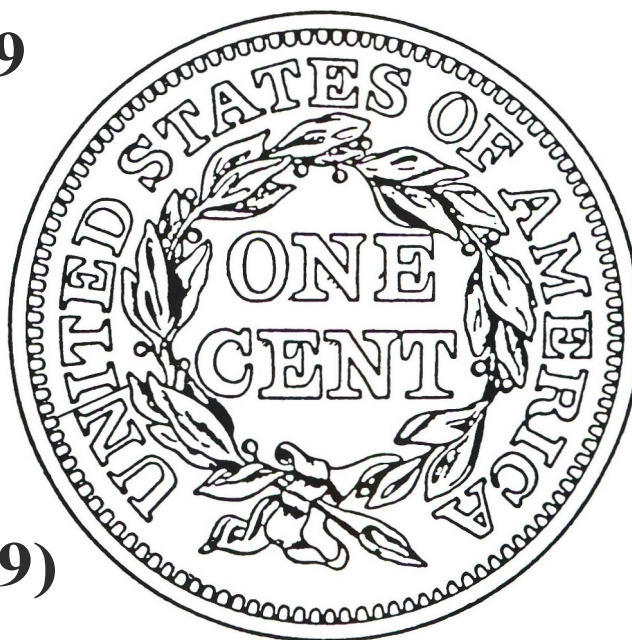
DIE STATES:

- a. Reverse covered with die lines, strongest connecting E in ONE to NT below.
- b. Vertical lines joining E in ONE to NT below gone. Fine lines down to left from base of N in ONE to top of E in CENT still visible.
- c. Lines joining N in ONE to E in CENT gone. Lines at inner curl dull and weak but still visible. Line added from base of T in CENT to dentils over second A in AMERICA.
(Scarce)



1849

(N-29)



OBVERSE: (DRN 4 8 3 5 8 7) (Same as N-28, earlier) **Strong lines up to right from inner curl to main curl, including a wide one that is an extension of the tip of the inner curl.** A few similar lines up to right from lowest curl just right of inner curl. Short lines down to left from neck and throat. Lump on jawline at throat. Earliest has a spur from the peak of a misplaced 1 extending to left from the upright of that numeral, but this disappears quickly. A narrow rim cud break forms very early at star 13, and this later reaches from star 1 to star 12, strongest under 49. The fine lines from the neck and throat fade and disappear, but the strong ones from the inner curl remain clear. Some have deep low spots at the dentil tips.

REVERSE: (Same as N-26, later) **Point down to left from left side of E in ONE.** Other points down at same angle from N in ONE and CEN in CENT. A sharp line is added from the dentils down through the junction of N & I in UNITED to the leaf below, but this line fades and disappears. The points fade slightly but the strong one from E in ONE is always visible. The tops of TATE are weak in latest state due to excessive die wear and lapping during the marriages. Often seen with strike doubling on the right side of the legend and wreath.

RARITY 2 (A dozen seen in mint state. None of those show a significant amount of mint red but eight have generous traces of mint red remaining visible. A half dozen more seen in About Uncirculated grades, many in Extremely Fine grades.)

DIE STATES:

- a. Lines at neck sharp. Without any obverse rim cuds (show only on high grade pieces).
- b. Lines at neck sharp. Thin rim cud at star 13 to below date (shows only on high grade pieces).
- c. Lines at neck sharp. Sharp line added at NI in UNITED. Thin rim cud from below star 12 clockwise to star 1 (shows on high grades only and grows to this size during die states c & d).
- d. Lines at neck faint. Line at NI in UNITED gone. (One seen on a heavy planchet, 175.7 grains)
- e. Lines at neck gone. Tops of TATE weak.



1849

(N-30)



OBVERSE: (DRN 2 4 5 5 7 6) (Same as N-1 & 23, earlier) **Lines up to right from inner curl to main curl and bottom of inner hair bun, the line from the tip of the inner curl up at an angle slightly closer to vertical than the other lines.** Other weaker lines down slightly to right of vertical from main curl, plus others down slightly to right from inner curl. The area along the front edge of the neck is slightly raised and covered with lines parallel to the front edge of the neck. These are crossed by a couple strong lines down to left from the bottom half of the neck. Two strong, short lines up to right from dentils left of star 1. Elongated lump (hub defect) under star 13, another right of star 7. The fields are reflective in the earliest state and the reflectivity fades only slightly during the marriage. The lines remain sharp.

REVERSE: **Fine parallel lines over UNIT and one up to left from left top of that T.** A myriad of fine polishing lines over TED. Fine lines at various angles over MERI, strongest over M and down to left from dentils over R in AMERICA. Lump on base of O in ONE and left base of that N, plus another on base of C and two others on base of E in CENT. Earliest has reflective fields that are covered with fine polishing lines down to right. The weaker polishing lines fade only slightly as the fields quickly become wavy, especially inside the wreath, and the stronger lines remain clear. The late state has the top of N in ONE nearly filled with crumbling and crumbling covers the outer portion of the rim from the second A in AMERICA to U in UNITED.

RARITY 5+ (Six seen in mint state; one has a significant amount of mint red remaining, two more have traces of mint red still visible. Two of these plus three others have been certified by PCGS as Proof strikes. Three more seen in About Uncirculated grades, six in Very Fine grades. Total of forty seen of the variety.)

DIE STATES:

- a. Without crumbling inside top of N in ONE. (Early examples have reflective fields.)
- b. Crumbling nearly fills top of N in ONE.

Note: Breen lists several proof strikes of N-1. These are N-30, and their proof status is questionable. Although the fields are reflective and the rims are squared on early examples of N-30, I believe they are business strikes, albeit really beautiful ones. The most convincing “proof” is the early die state example in the ANS Collection, and it is a choice gem with a majority of the mint red still visible.

1850

Newcomb No. Date Reference No.

2	1 2 3 1 8 6
1	1 2 4 1 8 6
3	3 4 2 7 6 7
4	3 5 3 7 4 6
14	3 5 3 7 4 6
22, (28)	3 5 3 7 4 7
5	3 5 4 7 4 6
20	4 5 5 8 5 6
7	5 7 4 7 2 5
13, 6	5 7 5 8 1 6
19	6 7 3 7 8 5
18	6 7 5 8 8 3
12	6 7 6 8 2 2
17	6 8 6 8 7 1
23, (24)	6 8 6 8 8 4
9	7 7 5 8 1 3
(25)	7 7 5 8 1 5
15	7 9 7 8 7 3
21	8 9 5 7 7 5
11, (26), (27)	8 9 5 8 3 5

Varieties Delisted

N-8	Does not exist
N-10	Late state of N-21
N-16	Late state of N-19



1850

N-1



OBVERSE: (DRN 1 2 4 1 8 6) (Same as N-2, later, lapped) **Dull points (so dull they appear to be lumps) at throat.** Lines up slightly to right of vertical from inner curl to main curl. Small point up to right from main curl. Small lump between tops of T & Y. The lines and at the inner curl fade and most disappear as that area becomes slightly rough, but traces of these lines remain visible in latest state. The neck and bust also are rough in latest state. The lumps/points at the throat remain clear.

REVERSE: (Same as N-15, earlier) **Strong point down to left from left base of O in ONE; other points down from left end of base of that N and base of E in CENT.** Fine lines down to left inside N in ONE and E in CENT. Other fine lines and points at ONE CENT in early state. Lines and points up to left from N in UNITED. Lighter lines at ITED and AMERIC in early state. The fine lines at ITED and AMERIC fade and disappear, but most of the other lines and points remain visible, especially the strong points from ON in ONE and E in CENT.

RARITY 2+ (Ten seen in mint state; three of those show a significant amount of mint red and five more have traces of mint red remaining visible. Ten more seen in About Uncirculated grades. Most of the higher-grade examples are in die state a.)

DIE STATES:

- a. Fine lines from dentils at AMERIC.
- b. Lines from dentils at AMERIC gone.



1850

N-2



OBVERSE: (DRN 1 2 3 1 8 6) (Same as N-1, earlier) **Dull points down to left at throat. Fine lines up slightly to right of vertical from inner curl to main curl.** Small points up to right from main curl. Fine lines down slightly to left of vertical from inner bun. Short points up from coronet under star 6; other tiny points elsewhere in earliest state. Strong, rough lines near dentils, strongest line a slightly curved one down from dentils right of star 10. The 1 is repunched showing short horizontal lines at different levels on either side of upright. Earliest has many strong die lines down to right in field around date, star 13, and front of bust up to star 3. Dull clashmark occurs at the chin very early while the die lines are clear. The fields become slightly rough and a lapping smooths the roughness and leaves slightly reflective fields. Most of the lines are removed by this lapping, along with the clashmark at the chin, but traces of the strong line right of star 10 remain visible. The dull points at the throat, lines up from the inner curl, and small points from the main curl remain visible in latest state.

REVERSE: Many strong, rough lines in various directions at ONE CENT and through wreath on both sides. **Strong point down from near right end of left base of N in ONE.** Strong clashmark from Ms Liberty's chin appears very early at the edge of the leaf over O in ONE. Crack forms rather early through top of TED to dentils over S. Other cracks form later through UNI, TES, and ME. Lapping after the crack at TED removes most of the lines and leaves slightly reflective fields. Latest has the lines gone but the stronger points still visible.

RARITY 1 (Two dozen seen in mint state, and five of those show a significant amount of mint red, six others show traces of mint red. Most of the mint state examples are in die state **b** or **c**, only 2 seen in die state **a**.)

DIE STATES:

- a. Without clashmarks at chin or leaf over O. No cracks. Die lines sharp. (Very Rare)
- b. Clashmarks at chin and leaf over O. No die cracks on reverse.
- c. Crack through TED to dentils over S. Obverse die lines still visible.
- d. Obverse die lines gone.
- e. Additional crack from dentils through TES.
- f. Additional crack from dentils through ME.
- g. Final crack from dentils through UNI to earlier crack at TED.



1850

N-3



OBVERSE: (DRN 3 4 2 7 6 7) **Fine lines up slightly to left of vertical from inner curl to main curl, the one from the tip of the inner curl angled a bit more to the left.** Fine line up to left from hollow under lower lip. Short line down to left from throat; another up to left from neck close to throat. Earliest has an additional line up to left from star 2 to the dentils, but this fades quickly. The other fine lines fade as the fields become slightly rough. Lapping then smooths the fields and removes the lines at the throat and from under the lower lip and weakens the ones at the inner curl. This lapping leaves fine lines down to right in the fields, strongest from the upper lip and the left point of star 13. These lapping lines fade and disappear. The lines at the inner curl are faint and obscured a bit by minor roughness in latest state.

REVERSE: **Line down slightly to left inside bottom of E in CENT from serif of crossbar.** Tiny points down to left from diagonal of N in CENT. Small lump on right side of O in ONE. Earliest has fine polishing lines down to right in fields, strongest at the dentils over AMER. The lapping lines fade and disappear early; the tiny points from N in CENT disappear later. The line inside the E in CENT remains visible longer but is removed by a heavy lapping late in the marriage that leaves fine polishing lines down to left in the fields and a rough patch at D-S on otherwise smooth fields. In this state, TED STATES is weak.

RARITY 1 (More than a dozen seen in mint state; five of those show a significant amount of mint red, two others have traces of mint red still visible. Ten more seen in About Uncirculated grades.)

DIE STATES:

- a. Line from star 2 to dentils. Lines at dentils over AMER.
- b. Lines at star 2 and over AMER gone. Line in side E in CENT still visible.
- c. Line inside E in CENT gone.



1850

N-4



OBVERSE: (DRN 3 5 3 7 4 6) **Several short, heavy lines up slightly to right from dentils under star 13.** Early examples also have a short line from dentils to near right point of star 13 and another from the upper right point of star 9 to the dentils above. The fine lines at stars 9 & 13 fade and disappear early; the strong ones under star 13 fade and become dull until latest state, when they also disappear. Sharp examples show tiny rust lumps on face and neck, plus a short, curved line on the middle on the jawline. Some late examples have a low spot weakening the curls on the neck. By the latest state, the DRN has changed to 3 5 5 7 4 6 due to die wear and lapping.

REVERSE: **Strong, nearly horizontal line through top of CENT extending to leaf at right.** Points at ONE and down from right base of T, plus other fine points in earliest state. The smaller points fade and disappear and the strong line through the top of CENT fades and becomes strong points from those letters, clearest at E & N. These points remain visible, even in the latest state.

RARITY 1+ (A dozen seen in mint state; two of those show a significant amount of mint red and four others have traces of mint red remaining visible. Six seen in About Uncirculated grades. Most of the higher-grade examples are in die state **a.**)

DIE STATES:

- a.** Line from star 9 to dentils above.
- b.** Line at star 9 gone. Ones below star 13 dull but visible.
- c.** Lines below star 13 gone.



1850

N-5



OBVERSE: (DRN 3 5 4 7 4 6) (Same as N-20, earlier) **Strong, dull line down from bottom of inner hair bun.** Fine lines up to right from main curl just below inner hair bun, some reaching the hair bun. Earliest has fine polishing lines down to right covering the fields and the strong line down from the inner hair bun has a disjointed segment below. Dull line down to left on base of neck also visible on sharp early examples, but this line fades as the die quickly becomes rough. The line down from the inner hair bun becomes increasingly dull as the fields continue to roughen, but it remains visible. The fine lines from the main curl fade but a few faint traces are visible in latest state.

REVERSE: **Points up to right and down to left from left top of N in CENT; another up from left base of E in ONE.** In the earliest state, the strongest point from the left top of N in CENT extends up to the base of E in segments, but these segments disappear quickly. Fine polishing lines down slightly to right of vertical fill the fields in the earliest state, strongest at right top of T in CENT. The points fade but remain visible, the one up from the left base of E in ONE strongest. Lump on left upright of T in CENT. Small lumps also show on the body of the leaf under M on sharp examples. The legend always is dull and the letters appear blunted (similar to N-7).

RARITY 4 (Eight seen in mint state; two of those show a significant amount of mint red, five others have traces of mint red still visible. Eight others seen in About Uncirculated grades. Only one mint state example seen in die state a.)

DIE STATES:

- a.** Fields smooth. Line down from bun clear with a short, disjointed segment in the field below the line. (Rare)
- b.** Fields rough. Extra segment of line down from hair bun gone. (the usual state)



1850

N-6



OBVERSE: (DRN 5 7 5 8 1 6) (Same as N-13, later) **Strong spur to right from under right point of star 6.** Fine lines up slightly to right of vertical from top of inner curl to main curl. Fine line under right pendant of T. The lines up from the inner curl fade as that area becomes slightly rough. The neck and bust also are rough in latest state. The spur on star 6 is always visible.

REVERSE: **Lines up to right at various angles left of C in CENT.** Other rather strong lines and points up to right at different angles from ONE CENT, MERICA, and portions of the wreath. The lines and points fade and some disappear, but the strongest ones left of C in CENT remain clear. Develops a crack rather early from through top of UNITE to dentils over D, later extending from U to dentils at the ribbon tip.

RARITY 1 (One and a half dozen seen in mint state; seven of those show a significant amount of mint red, five more have traces of mint red still visible. Many more seen in About Uncirculated grades. Most of the higher-grade examples are in die state c.)

DIE STATES:

- a. Reverse is uncracked.
- b. Cracked through top of UNITE to dentils over D. (Scarce)
- c. Crack at U extends to dentils at ribbon tip.



1850

N-7



OBVERSE: (DRN 5 7 4 7 2 5) **Lines down to right from main curl; others up to right from inner curl, strongest line tangent to main curl.** The bottom of the 0 is much farther from the dentils than is the base of the 1. Shallow lump on throat under jawline. The fields become rough and flowlined and the lines at the inner and main curls become weaker and obscured a bit by the roughness, but some points down to right from the main curl remain visible in the latest state.

REVERSE: The earliest seen has a slightly rough field and the legend is dull, the letters rounded rather than sharp. (The die may have been used in an earlier marriage, possibly N-22 of 1849. It has the same " look " to it, but a definite link has not been found.) Sharp examples show a dull lump on the body of the upright of E in CENT, other smaller ones on the bodies of I & T in UNITED, one on the left top of the first T in STATES, a larger one on the leaf under UN, one on the edge of the base of O in ONE, plus one more on the diagonal of N in CENT. The lumps on E & N in CENT and the leaf under UN are usually visible on high grade later examples, but the smaller lumps on I & T in UNITED fade away. The die starts out dull and blurry and the details become even mushier as the die wears.

RARITY 2 (More than 50 seen in mint state, all in die state **b**, most likely thanks to a hoard. Many show significant amounts of mellowed mint red but a few are blazing red. A variety that is easier to find in mint state than it is in Extremely Fine grades. Only two mint state examples seen in die state **a**.)

DIE STATES:

- a.** Obverse fields smooth (matte). Lines at inner and main curls are sharp. (Very Rare)
- b.** The fields are rough and flowlined. Lines at inner and main curls are weak. (The usual state.)



1850

N-9



OBVERSE: (DRN 7 7 5 8 1 3) (Same as N-25, earlier) **Strong, round lump under right corner of eye.** The bottom of the 0 in the date is distant from the dentils. Several lines down slightly to left of vertical from dentils left of star 6. The fields on early examples are covered with fine polishing lines down to right, strongest from left base of 1 to star 1 and from the chin to the bust. A strong lapping during the marriage leaves reflective fields, weakens the date digits, and removes the lines from the dentils left of star 6. In this lapped state, the DRN is 7 7 5 8 1 4.

REVERSE: Lines and points at various angles at ONE CENT, strongest at NE in ONE and ENT in CENT. These lines and points fade and some disappear, but the stronger ones remain visible. A crack occurs rather early through ME to the rim left of A. The latest state has additional fine cracks at NIT and TAT, but these do not show on worn examples.

RARITY 2 (Three dozen seen in mint state; a dozen of those show a significant amount of mint red, mostly on the obverse with faded red on the reverse. Many others have traces of mint red still visible. Most of the mint state pieces are in die state c, possibly from a hoard.)

DIE STATES:

- a. Reverse is uncracked. (Rare)
- b. Cracked from dentils to ME. Lines from dentils left of star 6 still visible. (Scarce)
- c. The obverse is heavily lapped with lines from dentils left of star 6 gone and fields smooth, often reflective. Most of the mint state examples are in this die state.

Note: Breen lists a few proofs of this variety. Two pieces in the earliest die state (die state a, one in the ANS collection and the Herman Halpern:635-Jack Wadlington:2539 example) are the best candidates for proof status. So far neither piece has been certified as a proof strike by NGC or PCGS. The examples in die state c with reflective fields are certainly not proof strikes, but their superior eye appeal is unquestioned.



1850

N-11



OBVERSE: (DRN 8 9 5 8 3 5) (Same as N-26 & 27, earlier) **The 0 in the date is close to the dentils and its bottom is delicately repunched with a small groove on its outside edge.** Shallow lump between R & T near their bases; another on bottom edge of curl on forehead. Early examples have a sharp line from the dentils bending down into the field left of the bottom of star 4. The defects fade and most remain visible, but the bent line from the dentils at star 4 is faint in later states due to light flowlines from the dentils. The repunching on the base of the 0 remains clear in this and the two subsequent marriages.

REVERSE: **Short spur down to left from lower serif of crossbar of E in CENT.** Two tiny points down from left base of N in ONE. Short line up to left over left top of N in CENT. A collection of tiny lumps (from rust on the die) covers the left top of C in CENT. The lines and points fade and disappear, the spur from the serif E in CENT the last to go. The rust lumps on the C in CENT remain visible, but these only show on higher grade examples.

RARITY 3+ (R7 as a proof) (Seven seen in mint state; five of those are certified proof strikes and two are business strikes. Both of the business strikes have generous traces of mint red but neither has a significant amount of mint color still visible. Four seen in About Uncirculated grades; more than a dozen in Extremely Fine grades.)

DIE STATES:

- a. Points down from left base of N in ONE
- b. Points down from left base of N in ONE gone.

Note: The certified proof strikes are from the earliest state of the dies and show all of the points and lines described. Their fields are reflective but the mirrors are not deep.



1850

N-12



OBVERSE: (DRN 6 7 6 8 2 2) **Two short points to left from neck at throat.** Many tiny points at different angles from main and inner curls. Tiny lump on jawline left of earlobe. The left end of the base of 1 is connected to the right center of a dentil by a short line. The bottom of the 0 in the date is distant from the dentils. The points fade and most disappear, but traces of the points at the throat remain visible. The line connecting the left base of the 1 to the right top of a dentil becomes more obvious and appears as a strong flowline in latest state.

REVERSE: Point to left and another to right from top of C in CENT (similar to N-4 but not the same). Dull point to left from inside right of O in ONE. Short point up from left edge of top of E in CENT. A small lump on left edge of upright of that E. Small elongated lump on body of ribbon loop below E in CENT. Sharp examples will show a short, irregular line on rim at D-S. The points fade and disappear as the die wears, the one to right from the top of C in CENT the last to go. (The one to left from top of that C remains barely visible as a tiny lump, but this will not show on a worn example.)

RARITY 1 (Three dozen seen in mint state, and nearly half of those show a significant amount of mint red. Many others have traces of mint red still visible. Most of the mint state examples are in die state **b**.)

DIE STATES:

- a.** Points at C in CENT clear. (Scarce)
- b.** Points at C in CENT gone. (Some seen with a deep low spot from star 2 to the chin.)



1850

N-13



OBVERSE: (DRN 5 7 5 8 1 6) (Same as N-6, earlier) **Strong spur to right from under right point of star 6.** Lines up slightly to right of vertical from top of inner curl to main curl. Fine lines up to left from dentils under 0 and star 13; other short ones up to left from base of coronet at brow lock. Strong horizontal dash left of center of 8. Line under right pendant of T. Earliest has additional fine lines at various angles from dentils under 185 clockwise to star 3. These fine lines fade and disappear early; the dash left of 8 and lines from the dentils at 0 to star 13 fade and disappear later. The spur from star 6 remains clear.

REVERSE: **Strong line connects left bottom of C in CENT to leaf below.** Earliest has fine lines at various angles over MERIC, strongest at C, with a line below IC to the leaf near A, plus a curved line connecting the right top of U to the dentils and a line down to right through NE in ONE to the wreath right of T in CENT. These lines fade and most disappear, but the strong one down from C in CENT remains clear in latest state. Cracks form very early at ED, STATE, MER, and the ribbon to stem tip as the die begins to sink. The sinking becomes strong enough to obscure many of the cracks.

RARITY 3+ (Eight seen in mint state; two of those show a significant amount of mint red; three others have traces of mint red remaining visible. Ten more seen in About Uncirculated grades, many in Extremely Fine grades. No state c examples seen in mint state.)

DIE STATES:

- a. Reverse uncracked. Obverse and reverse lines visible. (Very Scarce)
- b. Reverse cracked and sinking. Dash left of 8 and lines from dentils under star 13 visible.
- c. Dash left of 8 and lines from dentils under star 13 gone. (Rare)



1850



N-14

OBVERSE: (DRN 3 5 3 7 4 6) **Dull lines right of base of Y and parallel to it.** Fine lines up to right from inner curl to main curl; others from main curl to bottom of inner hair bun. Fine lines up and down to left at throat, the ones down to left strongest. Tiny point down to right from main curl. Most of the lines and points fade and disappear as the fields quickly become rough and flowlined, the lines at the throat the first to go. The lines right of Y remain visible in latest state.

REVERSE: **Lines down to right behind E in ONE.** Earliest has dull lines down to left at various angles from dentils over ICA, but these fade quickly. The lines at E also fade and are gone in latest state. The field becomes rough and flowlined, and the details are blurry, similar to N-7. Develops a series of rim cud breaks in the sequence outlined below.

RARITY 4 (Five seen in mint state; four of those have a significant amount of mint red and the other example has traces of mint red remaining visible. Eight more seen in About Uncirculated grades; more than a dozen in Extremely Fine grades.)

DIE STATES:

- a. Crisscrossed lines at throat and dull lines at dentils over ICA. (Rare)
- b. Lines at dentils over ICA gone. Lines down to left at throat still visible.
- c. Lines at throat and E in ONE gone.
- d. Rim cud break at D-ST. (Very Rare) **PHOTO**
- e. Additional rim cud break at TAT. (Unconfirmed)
- f. Additional rim cud break at F-A. (Extremely Rare) **PHOTO**
- g. Additional rim cud break at ES. (Extremely Rare) **PHOTO**
- h. Additional rim cud break at OF. (Extremely Rare) **PHOTO**
- i. Additional rim cud break at TE in UNITED. (Very Rare) **PHOTO**

Note: All the die states with rim cuds are quite rare, the most common being states **d** & **i** with 10 examples of each known. Worn examples may not show the rim cuds since the cuds are not especially bold.



1850

N-15



OBVERSE: (DRN 7 9 7 8 7 3) **Two lines up to right from inner curl, the lower line stronger.** The 0 is very distant from the dentils. Fine nearly vertical line from tip of inner curl to main curl. Short point up to right from top of inner hair bun. Parallel lines down to left over star 5. Fine lines up to left from dentils under star 13. Lighter lines at various angles from dentils left of star 1 in earliest state. The lines fade slightly and a heavy lapping removes all the lines and points except for the strong line from the inner curl, and it is shorter. The fields are slightly reflective following this lapping. In latest state, this strong line is only a long point from the inner curl. Latest has minor roughness and flowlines covering the fields.

REVERSE: (Same as N-1, later) Points down to left at various angles from ON and CE in ONE CENT, strongest from base of N in ONE, left base of that O, and from inside the right top of C in CENT. Tiny points from top of E in UNITED; others from leaf under that D. These points fade slightly and then a heavy lapping removes all traces of the points and leaves smooth, slightly reflective fields. In this lapped state, the only marks are some tiny spikes (remnants of old flowlines) up from the lower serif and top of the first S in STATES. Frequently seen with shallow low spots inside wreath. Latest has roughness and flowlines around legend.

RARITY 2 (Three dozen seen in mint state; more than a dozen of those show a significant amount of mint red and five others have generous traces of mint red remaining. All of the mint state examples seen are from die state **a**, and a hoard may be responsible for so many choice mint state pieces in the same die state.)

DIE STATES:

- a.** Diagonal lines over star 5 and reverse points clear.
- b.** Lines and points gone. (Rare)



1850

N-17



OBVERSE: (DRN 6 8 6 8 7 1) **Two lines close together at slightly different angles from neck to jaw at throat; others from junction of bust and neck and down to right from junction of inner hair bun and main curl.** Fine line down to right from curls over left side of 0 in date. Short, fine lines up to left from hair under star 7. Other fine lines down to right in fields show on sharp examples. The 0 is close to the dentils. A heavy line connects the left end of the base of the 1 to the left top of a dentil. Sharp early examples show fine repunching under the 5. The fine polishing lines in the fields fade slightly, but there is very little die wear before a strong rim cud break occurs from star 6 to star 8. Some sharp examples may show a die crack on the rim outlining where the rim cud is forming.

REVERSE: (Same as N-25, earlier) **Lines down to left from dentils to tops of ERI and UNIT.** Clashmarks occur very early over O in ONE and right of the E in ONE meandering down to the right top of the T in CENT (the usual clashmark positions). These delicate clashmarks fade and disappear, as do the lines over UNIT. The lines at ERI fade but remain visible. The fields become slightly rough from flowlines, and shallow low spots are frequently present inside the wreath.

RARITY 5 (Six seen in mint state, and four of those have traces of mint red remaining. Eight others seen in About Uncirculated grades. Most of the higher-grade examples are in die state **a**. Two mint state examples seen in die state **b**, none in **c**.)

DIE STATES:

- a.** Die lines sharp on both sides.
- b.** Lines weaker but most still visible. Crack on rim outlines cud break that forms later over stars 6-8. (The crack is Extremely Rare and visible only on sharp examples)
- c.** Large, strong rim cud break at stars 6-8. (Extremely Rare) **PHOTO**



1850

N-18



OBVERSE: (DRN 6 7 5 8 8 3) (Same as N-23 & 24, earlier) **Two small points up to right from top of inner curl, the left point stronger. Curved line under right pendant of T.** Fine lines up to right at LIB, strongest at right top of I. Two sharp lines close to dentil tips over star 7. Short line down to right from dentil over star 3. Small lump near hair right of eyebrow, another under front edge of eye, and one nearly touching left side of Y. Earliest has fine polishing lines down to right covering the fields, strongest at dentils under star 13, but these fade quickly. The lines at the dentils fade and disappear, the ones over star 7 lasting longest. The points from the inner curl and lines at I & T remain visible.

REVERSE: **Elongated lump or crumbling on right end of left base of N in CENT.** Very small point or lump on left top of N in CENT just right of center. Tiny point or lump on leaf stem at left top of C in CENT. Other small lumps on base of E, right side of N, and top of T in CENT. Bulge at edge of leaf under M. Tiny lump on body of leaf under first A in AMERICA. Earliest has fine vertical polishing lines in the fields. A sharp, slightly curved line is added during the marriage from the right side of F in OF into the field at right. The tiny points and lumps fade and most disappear, but the lump on the base of N in CENT and added line at F are visible in latest state. Often seen with strike doubling, especially in the early die state. Even in the earliest die state this die looks like it had been used in an earlier marriage, but a positive link has not been found.

RARITY 4 (Six seen in mint state; four of those show a significant amount of mint red, one other has traces of mint red still visible. Eight more seen in About Uncirculated grades, many in Extremely Fine grades. Most of the higher-grade examples are in die state a.)

DIE STATES:

- a.** Lines at dentils over star 7 clear.
- b.** Lines at dentils over star 7 gone. Line to right from F in OF. (Scarce)



1850

N-19
N-16



OBVERSE: (DRN 6 7 3 7 8 5) Usually has a rectangular lump (from top of a stray 1) between the 1 & 8. Early examples have lines down to right covering the fields, strongest at the lowest curl, jaw, neck, bust, and lower point of star 4. Fine line down to right from earlobe. Stronger lines down to right at dentils right of star 10. The lines and lump fade as the fields become rough from flowlines, strongest around the date. Lapping then smooths the roughness and removes the lump and nearly all the lines, just a few remnants remaining down to right from the inner curl (Newcomb's #16). This lapping leaves fine polishing lines down slightly to right of vertical in the fields, strongest at the forehead and lips. The lapping lines fade quickly, and the remnants from the inner curl also fade and disappear.

REVERSE: Strong lines up to right at left of C in CENT. Other lines at same angle left of O in ONE and at wreath under NITED. Lines up to left from ON, CEN, UNITE, and at the wreath below. Strong line up to left from right top of N in UNITED to dentils. Other points and lines inside wreath in earliest state. The lines left of C in CENT, at left base of N in UNITED, and inside right upright of N in CENT clear as the others fade and flowlines develop. Lapping then smooths the roughness and weakens the remaining lines and points, leaving fine polishing lines down to right of vertical in the fields, strongest below UNIT. In the latest state, a few remnants of the lines up to right at left of C in CENT are still visible. Often seen with large low spots inside the wreath. Strike doubling sometimes found on ONE CENT.

RARITY 2 (Twenty seen in mint state; eight of those show a significant amount of mint red and seven more have traces of mint red remaining visible. Many more seen in About Uncirculated grades. About two-thirds of the mint state examples are in die state **b**.)

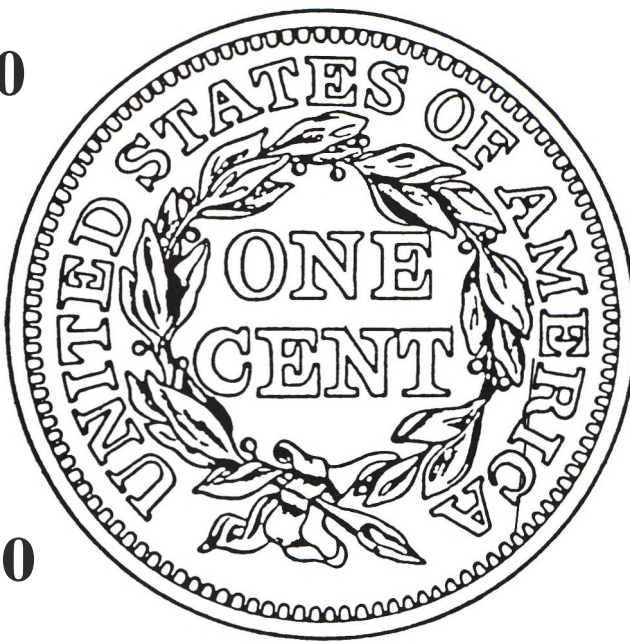
DIE STATES:

- a. Obverse lines and lump at 18 visible.
- b. Obverse lines and lump gone. (Newcomb's #16)



1850

N-20



OBVERSE: (DRN 4 5 5 8 5 6) (Same as N-5, later, lapped) **Dull, weak line down from bottom of inner hair bun.** The lapping before this marriage removed most of the roughness, although some remains in the field before the neck and in the area under the nose tip, which is raised and covered with strong horizontal flowlines. The dull line down from the inner bun continues to fade and is barely visible in latest state, and it may not be visible on well-worn examples. The lower half of the neck and field in front of the neck are rough and flowlined late.

REVERSE: (Same as N-23 & 27, later, lapped) **Point up from right top of the T in CENT;** a smaller point up from right edge of left top of that N. These points are clear but weaker than they were on the earlier marriages. Earliest has die polishing lines down slightly to left of vertical in the fields, strongest at CE in CENT, and a single sharp line down at same angle at RIC to dentils over A. These lines fade and disappear, the one at RIC remaining visible longest at the R. The point from the N in CENT fades and is barely visible late; the one from that T remains clear (although tiny). The wreath and legend sometimes show strong strike doubling, clearest on the diagonals of the N's in ONE CENT.

RARITY 5+ (One seen in mint state, and it has generous traces of mint red remaining visible. Two more in About Uncirculated grades, three in Extremely Fine grades, and more than a dozen in Very Fine grades. Most of the higher-grade examples are in die state **a**.)

DIE STATES:

- a.** Line through RIC visible.
- b.** Line through RIC gone.



1850

N-21

N-10



OBVERSE: (DRN 8 9 5 7 7 5) Curved line joins left end of base of 1 to left side of a dentil.

Early examples have points and short lines at various angles from inner and main curls (the points down to right strongest), and short lines to right from dentils at star 2 nearly to star 3. Small point to right from right side of Y. The fields become slightly rough. The strongest point down to right from the main curl remains visible as the other lines and points fade and disappear. The line connecting the 1 to a dentils remains clear. A strong lapping then removes the roughness and weakens the point from the main curl and line connecting the 1 to a dentil (Newcomb's #10). In this lapped state, the digits are weaker and the base of the first 1 is very thin and farther from the dentils. Latest also has a small lump inside the bottom of the R.

REVERSE: Small spur to left from leaf under T in CENT. Earliest has fine polishing lines down to left at AME and in field right of E in ONE, but these disappear quickly. Field near dentils becomes flowlined and slightly rough. Lapping removes the roughness and the small spur from the leaf under the T in CENT. The lapping left a faint vertical wave in the field down from the base of the second S in STATES. The legend becomes weak at STATES OF, especially at TATES. Late examples have several small lumps around R in AMERICA. Latest has rim cud breaks at TES and F-A (Newcomb's #10), but these rim cuds are rather shallow and can wear away quickly. A credible example with only one rim cud has not been seen, but logic dictates the two rim cuds did not occur at exactly the same time. One has been examined that has the rim cud over TES and no trace of a rim cud over F-A, but another sharper example is needed to confirm the sequence.

RARITY 2 (Hundreds of mint state examples are known, and the vast majority of those are in die state c from a substantial hoard. Many of those show a significant amount of mint red. Mint state examples of pieces in the other two die states are very rare.)

DIE STATES:

- a. Lines from dentils at star 2. (Rare)
- b. Lines from dentils at star 2 gone. Without rim cud breaks on reverse.
- c. Dies heavily lapped. Rim cud breaks at TES and F-A. (Newcomb's #10) **PHOTO**



1850

N-22



OBVERSE: (DRN 3 5 3 7 4 7) (Same as N-28, earlier) **Large rectangular lump on bust over space between 1 & 8.** Lines down to right from dentils under star 1. Short lines up to left from dentils at stars 12-13; others at same angle from upper half of neck. Lapping during the marriage removes all the lines and leaves fine polishing lines down to left in the fields. These fine polishing lines quickly disappear. The lump on the bust tip becomes dull but remains visible. Some seen with a low spot covering the 85 and lower curls.

REVERSE: **Small lump on left side of O in ONE.** Fine line up to left from dentils under stem tip, to left from ribbon tip, from dentils over UN, from right top of M to dentils, and from left side of C in AMERICA to dentils. Earliest has a few tiny points to left from inside right of O in ONE, left upright of that N, and down from the bases of N & T in CENT, but these disappear quickly. Lapping removes all the other lines and points and leaves strong polishing lines down slightly to left of vertical in the fields, plus others down to right at UNITE. A strong lump forms on the body of the leaf under U. The strong lapping lines fade and disappear. The lump on the left side of O in ONE remains visible.

RARITY 3+ (Nine seen in mint state; five of those show a significant amount of mint red, three others have traces of mint red still visible. Another eight seen in About Uncirculated grades. One mint state example seen in die state **a**, two in **c**.)

DIE STATES:

- a.** Lines from dentils under star 1. (Rare)
- b.** Lines under star 1 gone. Strong lapping lines down to left of vertical cover reverse.
- c.** All lines gone. Lump on body of leaf under U (will not show in lower grades). (Rare)



1850

N-23



OBVERSE: (DRN 6 8 6 8 8 4) (Same as N-18 & 24, later than N-18, earlier than N-24.) **Two small points up to right from top of inner curl, the left point stronger.** Curved line under right pendant of T. Tiny lump near hair right of eyebrow, one under front edge of eye, and another nearly touching left side of Y. The die was lapped following the N-18 marriage, and the date digits are thinner with a shallow relief. The top of the 0 and base of the 1 are especially weak. The digits continue to weaken during the marriage and the right top of the 0 becomes very weak. The points from the inner curl weaken and minor roughness in that area makes them difficult to see in latest state.

REVERSE: (Same as N-27 & 20, earlier) **Strong point up from right top of T in CENT;** other smaller points up from tops of ENT and left bases of that N and the E in ONE. Fine lines up to left at wreath left of C in CENT. Sharp point down to right from right base of U. The points and lines fade and some disappear as the fields become slightly rough, but the strong point up from the right top of T in CENT remains clear. A dull line is added joining the tops of O & F about halfway through the marriage.

RARITY 2 (One dozen seen in mint state; seven of those show a significant amount of mint red, one other has traces of mint red still visible. Another ten seen in About Uncirculated grades.)

DIE STATES:

- a. Without dull line joining tops of O & F.
- b. Dull line connects tops of O & F.



1850

(N-24)



OBVERSE: (DRN 6 8 6 8 8 4) (Same as N-18 & 23, later) **Top of 0 in date is very weak, nearly gone.** The tiny points up from the top of the inner curl seen in the earlier marriages are gone, lost in the roughness at the inner curl. Curved line under right pendant of T. Tiny lump near hair right of eyebrow, another under front edge of eye, and one just left of Y. The fields become a bit rougher from flowlines, but the tiny defects remain visible.

REVERSE: (Same as N-26, earlier) **Strong, slightly curved line over UNI.** Lines and points down to left at different angles at ONE CENT, strongest from bases of N & E in ONE. The lines and points fade slightly but remain visible, especially the strong line over UNI.

RARITY 5- (One seen in mint state, and it has a significant amount of mint red remaining. Four more seen in About Uncirculated grades; six in Extremely Fine grades, thirteen in Very Fine grades. Most are in grades of Fine and below and many of those have impaired surfaces.)

DIE STATES: All as above.



1850

(N-25)



OBVERSE: (DRN 7 7 5 8 1 5) (Same as N-9, later) **Round lump under right edge of eye.** Date digits thin with a shallow depth of field (due to lapping in earlier marriage). Fields are matte and covered with fine flowlines. The roughness increases slightly but never becomes strong. The lump remains visible.

REVERSE: (Same as N-17, later) **Dull lines down to left from dentils to tops of ERI, strongest to R.** These lines fade but remain faintly visible in latest state. The fields are matte and covered with very fine flowlines, but the roughness never becomes strong. Often has shallow low spots inside the wreath.

RARITY 4 (Twenty seen in mint state; a half dozen of those show a significant amount of mint red. Five others seen in About Uncirculated grades. Many of the mint state examples have an overtone of light violet and rose with underlying very faded mint color, perhaps from a small hoard of similarly stored pieces—or perhaps they were dipped long ago and have retoned. A variety that is easier to find in mint state than Extremely Fine.)

DIE STATES: All as above.



1850

(N-26)



OBVERSE: (DRN 8 9 5 8 3 5) (Same as N-11 & 27, later than N-11, earlier than N-27.) **Bottom of the 0 in the date is close to the dentils and its bottom is delicately recut with a small groove on its outer edge.** Shallow lump between R & T near their bases. The hooked line from the dentils left of the bottom of star 4 seen on the N-11 marriage is faint but still visible as a short spur. The fields are smooth and slightly reflective in the earliest state due to a fresh die-lapping between the marriages, but the fields lose their reflectivity and the spur from the dentils at star 4 fades and disappears. The repunching on the bottom of the 0 remains clear.

REVERSE: (Same as N-24, later) **Dull line at dentils over UN.** This line extends to over the right side of the N in the early state, but it fades and reaches only to over the left side of the N in the latest state. Points and lines down to left at various angles at ONE CENT, strongest points down from bases of N & E in ONE. These lines and points fade slightly but the stronger ones remain visible in latest state.

RARITY 5- (Ten seen in mint state; four of those show a significant amount of mint red and a couple others have generous traces of mint red remaining visible. Three more seen in About Uncirculated grades. Most of the mint state examples are in die state **b**.)

DIE STATES:

- a. Line over UN covers most of N. (Rare)
- b. Line over UN reaches only to over left side of N.



1850

(N-27)



OBVERSE: (DRN 8 9 5 8 3 5) (Same as N-11 & 26, later) **The 0 in the date is close to the dentils and delicately recut with a small groove on its bottom edge.** Shallow lump between R & T near their bases. The repunching and lump remain visible as the fields become slightly rough from flowlines.

REVERSE: (Same as N-23 & 20, later than N-23, earlier than N-20.) **Short point up from right top of T in CENT.** Other lighter points up from left top of N in CENT. The points from N fade but remain visible; the one from T remains clear. Earliest has fine vertical polishing lines inside the wreath, clearest inside the O in ONE. These fine polishing lines are from a lapping done between the N-23 and N-27 marriages, and they fade quickly.

RARITY 4+ (Two seen in mint state and both show a significant amount of mint red. Two more seen in About Uncirculated grades, two in Extremely Fine grades, and a couple dozen in Very Fine grades.)

DIE STATES: All as above.



1850

(N-28)



OBVERSE: (DRN 3 5 3 7 4 7) (Same as N-22, later) **Dull rectangular lump on bust over space between 1 & 8.** The lump is weaker in this marriage due to die wear and roughness on the bust, and it may not show on worn examples.

REVERSE: **Point down from near right end of base of T in CENT.** Other smaller points down from base and top of that T. Short line down inside bottom of E in ONE and a short point down under left pendant of T in CENT, plus others inside that E. Fine, short lines down to left from dentils over NIT. Fine lines above and parallel to stem in hollow between ribbon and first leaf on left. Earliest has fine polishing lines down to right inside wreath, strongest at berry left of C in CENT. The lines and points fade and most disappear, but the lines over the stem and point down from the right end of the base of T in CENT remain visible.

RARITY 3- (Four seen in mint state; only one of those shows a significant amount of mint red, one other has traces of mint red still visible. Six more seen in About Uncirculated grades and a dozen in Extremely Fine grades.)

DIE STATES:

- a. Line inside bottom of E in ONE visible.
- b. Line inside bottom of E in ONE gone. (Scarce)

1851

Newcomb No.	Date Reference No.
5, (45)	2 2 6 6 7 6
(36), 21	3 3 3 5 6 7
7	3 3 4 5 5 8
30	3 3+ 4 5 7 9
(41)	3 3 5 5 6 6
18	3 3 5 5 7 6
17	3 4 3 5 6 6
6	4 3 3 4 7 8
23	4 4 4 5 4 6
33	4 4 4 5 4 6
27	4 4 5 6 5 6
2	4 4 5 6 6 8
8	4 4 6 6 4 6
(35)	4 4+ 6 6 4 6
10	4 5 2 4 5 8
(42), 1	4 5 3 5 2 7
24	4 5 5 5 4 5
19	5 5 3 1 2 7
29	5 5 3 4 3 8
(44)	5 5 3+ 5 3 6
(39)	5 5 4 5 2 6

1851

Newcomb No.	Date Reference No.
(39)	5 5 4 5 2 6
9	5 5 4 5 3 5
(43)	5 5 4 5 3 6
16	5 5 5 5 4 6
4	6 5 3 2 1 6
34, (40)	6 5 3 2 8 6
12	6 5 4 2 2 7
20	6 5 5 3 2 5
22	6 6 5 3 2 6
37	6 6 3 2 8 6
25	7 6 4 2 8 7
3	7 6 4 3 8 5
31	7 6 5 2 1 5
15,26	7 6 5 8 8 6
(38)	7 7 5 3 7 5
13	7 7 6 8 7 5
14	8 8 3 8 3 6

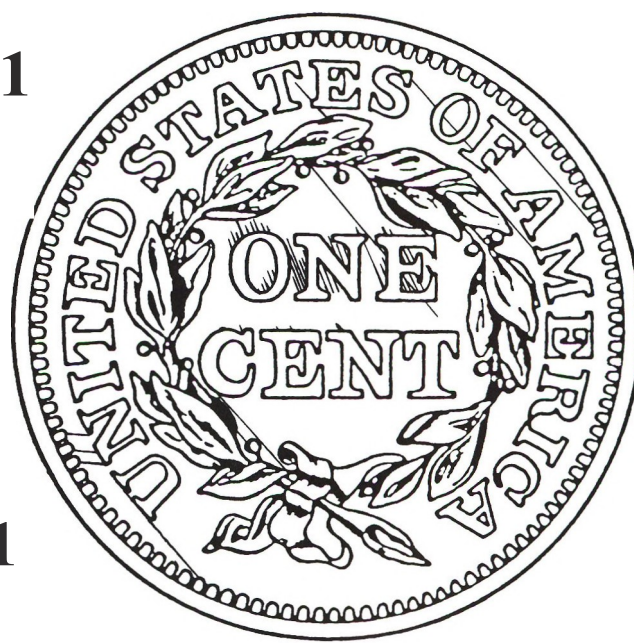
Varieties Delisted

N-11 Late state of N-12
 N-28 Late state of N-20
 N-32 Late state of N-24 (See comments at N-24)



1851

N-1



OBVERSE: (DRN 4 5 3 5 2 7) (Same as N-42, later) **Three strong vertical lines down from dentils left of star 4.** Early examples have many lines down to right at different angles covering the fields, strongest from lowest curl to star 13. Other lighter lines down to right from main curl, chin, and behind date. Lines up to left at different angle from lips and chin. Line connects bottom of star 9 to dentils at right. Bottoms of 1 & 8 are repunched, clearest as an extension of the upright under the base of the 1. The lines fade and most disappear, but the vertical lines at star 4 and ones from the lowest curl to star 13 remain visible, although dull in latest state. The repunching at 18 also fades but remains visible, strongest under the 1. The neck and bust become rough as fine die cracks develop from the coronet to the top of star 5 and from the bust tip to star 1. These cracks show only on higher grade examples.

REVERSE: (Same as N-15, earlier) **Line up to left from left base of E in ONE.** Other lines and points on same angle at ONE; points at same angle from top of CEN. Earliest has other lines at same angle covering much of the reverse, strongest at U and TES-OF-AM. Lines at different angle up to right from top of N in UNITED to dentils. Small lump on top of C in CENT. The lines and points fade and most disappear, but the stronger points at ONE CEN remain visible, clearest the line from the left base of E in ONE. Lump on top of C in CENT always clear. The field around the legend becomes rough and flowlined in latest state.

RARITY 3 (Twenty seen in mint state; seven of those show a significant amount of mint red, six others have traces of mint red still visible. Most of the mint state examples are in die state **b**; only a couple seen in state **a** and none in **c**.)

DIE STATES:

- a.** Diagonal lines down to right in field at date. (Very Scarce)
- b.** Lines behind date gone. Lines from N in UNITED to dentils dull but visible. The fine cracks from the coronet and bust tip develop late in this die state.
- c.** Lines from N in UNITED to dentils gone. (Rare)



1851

N-2



OBVERSE: (DRN 4 4 5 6 6 8) **Strong line (actually two lines at slightly different angles but very close together) up to right from inner curl to main curl.** Lighter lines down to right from main curl over inner curl. Line up to left from neck to jaw near throat. The fields quickly become rough from flowlines as the lines become dull and eventually disappear, the strong one from the inner curl to main curl the last to go. The lower half of the obverse sinks a bit and becomes weaker than the upper portion. The top of the date becomes very weak from die wear and lapping, and the top of the 8 is nearly gone in the latest state. In fact, the weak top on the 8 is a good attribution marker for this variety in the late state since all the lines are gone.

REVERSE: **Dull clashmark up to left from left top of N in CENT; a weaker one down to right from left base of N in ONE.** (These clashmarks are from the ear, and an unclashed early example is unknown.) Clashmarks (from chin) connect the left top of O in ONE to leaves. (See N-6) Short point up to left from left top of N in CENT; another down to right from right edge of top serif of E in CENT. Tiny point up to left from inside bottom of E in ONE under serif of crossbar. Tiny point up to left from top of E in CENT. Other tiny points to right from N in ONE and to left from that E in earliest state. Tiny lump on base of E in ONE, base of T in CENT, and a larger one on rim under stem. The points fade and disappear as the fields become rough and the design begins to sink. The lumps also fade and disappear. The clashmarks fade but remain visible at the left top of O in ONE and up to left from the top of N in CENT, although they are faint in the latest state.

RARITY 1 (Many seen in mint state, perhaps 100, and many of those show a significant amount of mint red. Nearly all are in die state **b**; only six mint state examples seen in state **a**.)

DIE STATES:

- a.** Line at throat and strong one from inner curl to main curl visible (although often dull). (Scarce)
- b.** Obverse lines gone. Top of 8 often very weak.



1851

N-3



OBVERSE: (DRN 7 6 4 3 8 5) **51 over inverted 18, the so-called 51/81 overdate. An 8 is punched under the 5; an inverted 1 shows under the second 1.** Heavy lines down to right from inner hair bun and upper part of main curl; other lighter lines up slightly to right from inner and main curls. Two strong lines up to right from inner curl to main curl. Fine line under right pendant of T. Other fine lines and points in earliest state. The lines and points fade and disappear. The repunching at 51 fades and is gone in latest state, a remnant of the line to right from upright of the 1 the last to go. The fine line under the right pendant of T remains clear.

REVERSE: Line connects bases of N in ONE; another from left base of N in UNITED through left top to dentils. Lines at various angles through MER, strongest between E & R, with extensions at IC. Lumps on left top of N in ONE. Strong, dull point or lump down from inside top of C in CENT. The lines and points fade and disappear. Develops a strong lump under right top of N in CENT while the repunching at 51 is still clear, and this lump is the only attribution point remaining on the reverse in the latest state.

RARITY 1 (More than 50 seen in mint state; twenty of those show a significant amount of mint red. Many more show generous traces of mint red. Sharp early examples (state **a**) command a premium because the "overdate" feature is clearest. Fortunately about half the mint state examples seen are in state **a**; none in **c**.)

DIE STATES:

- a.** Nearly horizontal lines cover field at date. Repunching at is 51 sharp.
- b.** Lines in obverse fields gone. Repunching at 51 dull but visible.
- c.** Repunching at 51 gone. (Rare)

Note: Some very deceptive counterfeit examples exist. These were struck using spark erosion transfer dies and are commonly called "Bay Area Counterfeits" because they were first noticed in the San Francisco area. They are mint state sharpness but the luster is dull and all have a dull lump in the field between the stem tip and adjacent A, a long dash midway between stars 12 & 13 following the curve of the rim, and a small lump in the center of the bust over the left side of the 8. The edges are squared rather than beveled and they will stand on their edge.



1851

N-4



OBVERSE: (DRN 6 5 3 2 1 6) **Heavy lines down slightly to right of vertical from main curl to inner and lowest curls.** Other lighter lines down at same angle from inner hair bun; others up to right from upper half of main curl. Lines down to left at various angles from profile and curls over date. The first 1 has a sharp horizontal line through its center plus at least two others below its base from multiple repunching. The bottom of a stray 1 is clearly visible between the bases of the 5 & 1. Early examples have lines down to right covering the fields, strongest at date and in front of bust. A small cud-like lump on the outer edge of the rim under star 13, the product of a small gouge on the rim of the die, is clear early but fades and is gone late. The weaker lines fade and disappear as the fields become slightly rough and flowlined. The strong vertical lines near the inner curl are always visible, as is a dull remnant of the base of the stray 1 between the 5 & 1.

REVERSE: **Strong line from leaf through left base of E in AMERICA to dentils above.** Other lines at same angle from ME to dentils. Defect on left base of that E (strong tool mark) connects to the strong line. Spike to right from right bottom of E in ONE. Two points down from base of E in CENT; an elongated lump on top of that E. The lines and points fade and the weaker ones disappear as the fields become slightly rough, but the strong line from the leaf through E in AMERICA to dentils remains clear.

RARITY 1 (Nearly twenty seen in mint state; six of those show a significant amount of mint red, six more show generous traces of mint red. Many seen in About Uncirculated grades.)

DIE STATES:

- a. Lines down to right in field at date are visible, although often dull.
- b. Lines down to right in field at date are gone. (Scarce)



1851

N-5



OBVERSE: (DRN 2 2 6 6 7 6) (Same as N-45, earlier) **Point of curl nearly over center of 8, which is farther left than on any other 1851 obverse.** Right base of second 1 touches the left center of top of a dentil. Earliest has a tiny point down to right from main curl over tip of inner curl. Small lump right of T; others on face and neck plus a tiny "hangman's noose" on the middle of the jawline (visible only on sharp examples). The tiny point from the main curl disappears early as the fields become flowlined. Latest has a crack from the coronet through the lower portion of star 5 to the dentils at left. In the latest state the fields are rough and flowlined and the details are a bit mushy.

REVERSE: Without large lump on left end of base of E in CENT. (See N-45) Short lines down to right from dentils over right side of U; another dull line down to right from dentils to top of first S in STATES. Tiny point down from right end of base of E in ONE, another down to left from left side of C in CENT. Two long, dull points down to left from leaf just over berry under IT in UNITED; a spur up to right from stem under berry left of C in CENT. Small lump on right side of upright of T in CENT. The lines fade and disappear quickly, the points fade and disappear later. The small lump on the right side of T in CENT remains visible. Strike doubling often seen in the later state.

RARITY 2+ (Twenty seen in mint state and six of those show a significant amount of mint red. Six more have generous traces of mint red. Most of the mint state examples are in die state **a**, four in state **b**. Many seen in About Uncirculated grades.)

DIE STATES:

a. Obverse uncracked.

b. Crack from coronet through star 5 to dentils at left. (Scarce)



1851

N-6



OBVERSE: (DRN 4 3 3 4 7 8) **Strong lines up slightly to right of vertical from coronet and hair under stars 6-7, strongest under star 6.** Lines up to left from neck, mouth, and nose. Lines down to right from bottom of inner hair bun and main curl. Lines closer to vertical from main curl to inner and lowest curls. Earliest has lines down to right covering field at date. Strong repunching shows as three horizontal lines at the first 1. Other lighter horizontal repunching to left from upright and base of the second 1. The underside of the top of the 5 is repunched. A triangular clashmark occurs very early pointing to right from the inner curl (an early example without this clashmark is unknown). Most of the lines and points fade and gradually disappear as the fields become rough and flowlined and the details blur. A lapping removed the roughness, lines, and repunching except for a few dull lines up from the coronet and hair under the right side of star 6. The latest has all lines lapped away with the date very blurry and the top of the 5 and first 1 flowing strongly into the bust and curls above.

REVERSE: **Clashmarks at left top of N in CENT, left base of N in ONE, and left top of O in ONE.** (See N-2) (An early, unclashed example is unknown.) Lines from dentils through UNI to leaves below. Lines down to right at AMER extending inside wreath below. Lines up to right inside E's in ONE CENT. Other lighter lines and points in earliest state. The field becomes rough and flowlined and the legend outside the wreath becomes blurry. The lines and points become dull but the stronger ones remain visible, clearest at wreath right of E in ONE. The only lines remaining in latest state are some faint ones at the wreath right of E in ONE, plus the clashmarks at O in ONE and N in CENT. A few in the latest state have a rim cud under the ribbon.

RARITY 1 (More than three dozen seen in mint state; eight of those show a significant amount of mint red, many more show traces of mint red. The only mint state example seen in die state **a** resides in the ANS collection. Two mint state examples seen in state **c** with the rim cud.)

DIE STATES:

- a.** Repunching at date sharp. Lines down to right in field at date.
- b.** Repunching at date visible (sometimes dull). Lines down to right at date are gone.
- c.** Repunching at date gone. Lines up from coronet and hair dull but visible.
- d.** Lines up from coronet and hair gone. (Rare)
- e.** Rim cud break under wreath ribbon. (Extremely Rare) **PHOTO**



1851

N-7



OBVERSE: (DRN 3 3 4 5 5 8) **Points to right from main curl, strongest single point from near junction of upper and lower portions of that curl.** Several lines down to right from main curl over inner curl; others up to right from inner curl to main curl. Short points go slightly to left of vertical from top of head at stars 6-7. Earliest has fine repunching under base of first 1. The points to right from the main curl remain visible as the other points and lines fade and disappear. The fields become flowlined and slightly rough and a tiny lump forms on the bust over the right edge of the 8. A flowline grows from the right end of the base of the second 1 to the left center of a dentil. The latest state has a flowline from the tip of the curl to the top of the 8. In the latest state, the details are mushy and the fields heavily flowlined. A point or two to right from the main cud remain visible in the latest die state, but they are shorter and dull.

REVERSE: Earliest has a fine line down to right inside right side of M and another from the right end of the base of F up to the bottom of the crossbar serif. These lines fade and disappear quickly as flowlines develop through legend. A small lump forms close over the left foot of N in ONE. In the latest state the legend is very weak and the flowlines are strong.

RARITY 1 (More than three dozen seen in mint state; a dozen of those show a significant amount of mint red and may others have traces of mint red remaining visible. Most of the mint state examples are in die state a late.)

DIE STATES:

- a. Lines at inner curl visible ranging from sharp (Rare) to blurry (the usual state).
- b. Lines at inner curl are gone. (Scarce)



1851

N-8



OBVERSE: (DRN 4 4 6 6 4 6) (Same as N-35, later) **Strong lump on top of neck at throat.** Sharp examples show fine lines on the neck around the lump, most likely from an attempt to minimize the lump defect on the die. The earliest die state shows repunching below the peak and base of the first 1 but this fades. The fields become slightly rough around the date and inner curl, but the lump remains visible.

REVERSE: **Heavy, rough line down to right from dentils over M.** Early examples also have fine lines parallel to and slightly below the strong one, and light lines down to right in the fields, strongest from the dentils to UN. A small lump on the body of the upright of E in CENT also shows on sharp examples. The fine lines disappear quickly. The strong line over M fades and becomes dull and faint before it completely disappears. The field is moderately rough from flowlines in the latest state.

RARITY 3- (A dozen seen in mint state; two of those show a significant amount of mint red and five more have traces of mint red remaining visible.)

DIE STATES:

- a. Strong line over M clear (ranging from sharp to dull).
- b. Line over M gone. (Scarce)



1851

N-9



OBVERSE: (DRN 5 5 4 5 3 5) **Fine vertical lines down from right edge of main curl; others down from main curl to top of inner curl.** Short dash to left of top of L (not touching the L). Lump on top of hair under star 8. A fishhook-shaped line reaches from bottom of eye down to top of nostril (shows only on sharp examples). Earliest has fine vertical polishing lines covering the fields, but these fade quickly and only the ones in the field close to the main curl remain visible. Those remaining vertical lines also fade and are lapped away. The lapping leaves polishing lines down to left of vertical in the fields, including a rather strong line from the throat to bust tip. These added lapping lines also fade and disappear. The lump on the head below star 8 remains visible and often is your best attribution point. (See N-43)

REVERSE: (Same as N-43, 40, and 36, later) **Dull point up to left from right top of E in CENT.** Elongated lump on right end of left base of Nin ONE. A lapping rather late in the marriage (same time as the obverse lapping that left the line from the throat to bust) left fine polishing lines down slightly to left of vertical in the fields, strongest under TE in UNITED. A few seen with strike doubling on portions of legend.

RARITY 3 (A half dozen seen in mint state; four of those show a significant amount of mint red and the other two have traces of mint red remaining visible. Another half dozen seen in About Uncirculated grades. Several attributed as N-9 in older auctions have turned out to be N-43.)

DIE STATES:

- a. Vertical lines down from right edge of main curl.
- b. Vertical lines down from right edge of main curl gone. Line from throat down to bust tip added (this fades). (Seen with the reverse rotated 30 degrees CCW.)



1851

N-10



OBVERSE: (DRN 4 5 2 4 5 8) **Top of first 1 strongly touches bust.** Three points down to left from neck. Fine lines down to right from dentils at stars 1-2. Dull point or spike up to right from right edge of inner curl. Earliest has fine polishing lines down to left of vertical covering fields, strongest at stars 4-6, but these disappear quickly. The lines from the dentils at stars 1-2 also disappear early. The points from the neck disappear later. The spike from the inner curl fades and is barely visible late. A lump forms left of the eye, and a fine line connects the lump to the front edge of the eyeball. The lump remains visible but the fine line becomes lost in roughness in the latest state. Latest has flowlined fields that are rising around the stars, a dull lump or raised area in the field over star 3, and a flowline connecting the curl to the top of the 8.

REVERSE: **Line down slightly to left of horizontal connects left side of C in CENT to berry at left.** Line connects bases of E & N in CENT. Lump on right top of N in ONE; two smaller ones on left top of that O. Earliest has fine polishing lines down to left covering fields, but these disappear quickly. The lines at C and EN fade and disappear, the one from C to berry visible the longest. The lumps at ON also fade and disappear as lapping to remove flowlines and roughness reduces the depth of field. Develops new tiny lumps in field around left base of N in CENT, but these are gone in latest state. In latest state, this die has no useful attribution points.

RARITY 1 (Thirty seen in mint state and nearly half of those show a significant amount of mint red, many others have traces of mint red. The vast majority of the mint state examples are in die state **b**.)

DIE STATES:

- a. Points down to left from neck and lines from dentils at stars 1-2. (Scarce)
- b. Lines and points gone. Lump before eye.



1851

N-12

N-11



OBVERSE: (DRN 6 5 4 2 2 7) **Strong crisscrossed lines at inner curl.** Lines up to right from main, inner, and lower curls; these are crossed by others down to right from main and inner curls. Earliest has many lines down to right filling field at date extending from star 2 to star 13. Points down to right from chin; a couple strong points to left from forehead and brow lock. Fine lines down to right from dentils at stars 6-7. Other smaller points and fine lines in earliest state, including a horizontal line crossing the upright of the second 1 just below the peak, apparently the base of a stray 1. The curl over the 5 has its bottom edge missing and that lower edge curves up slightly rather than down like normal. The lines and points all fade and disappear, the strong crisscrossed lines at the inner curl becoming dull points before they are finally lapped away (Newcomb's #11). The lapping that removed the last traces of the lines at the inner curl left fine polishing lines down slightly to right of vertical in the fields, but these fade quickly. A dull crack connects the tip of the coronet to star 5 in the later (N-11) die state and it may be the only attribution point available for this obverse.

REVERSE: **Lumps on base of E in CENT.** Points up to right from top of E in CENT, strongest point from right edge; a couple weaker ones at same angle from top of that N. Three lines down slightly to right of horizontal from berry to C in CENT. Points at same angle from leaf left of top of that C. Dull line joins tops of S & T in STATES with an extension to left. The lines and points all fade and disappear, the strong point from right top of E in CENT the last to go (Newcomb's #11). Additional small lumps form on edges of ONE CENT. A lapping late in the marriage adds fine polishing lines down slightly to right of vertical in the fields, strongest at O & E in ONE, but these fade quickly. High grade late examples have a lump on top of the body of the serif of the C in CENT, but this wears away quickly. The legend is weak late, and the lumps on the base of E in CENT are the only attribution points remaining.

RARITY 1 (More than thirty seen in mint state; ten of those show a significant amount of mint red and many more have traces of mint red remaining visible. Most of the mint state pieces are in die states **c** & **d**, three in state **a**.)

DIE STATES:

- a.** Lines down to right cover field at date.
- b.** Lines down to right in field at date gone. Crisscrossed lines at inner and main curls.
- c.** Lines visible only at inner curl as long, dull points.
- d.** Lines and points at inner curl gone. Dull crack connects coronet to star 5. (Newcomb's #11)



1851

N-13



OBVERSE: (DRN 7 7 6 8 7 5) **Top of inner curl is squared off by a rectangular defect over tip of inner curl.** Points down to right from main curl, the central point very strong; a few lines down to right from main curl to inner curl. Dull point up to left from junction of coronet and hair; a few smaller ones at either side. Lumps on cheek and jawline just below earlobe. Early strikes have rather strong lines or long spikes up to right from dentils under 51. The lines and points fade and disappear, the ones from the dentils under 51 the first to go, the strong point from the main curl the last to disappear. Lapping late in the marriage makes the digits of the date thinner and weaker, especially the bases of the 1's, and the DRN becomes **8 8 6 8 8 8**. (This die state was called a separate variety by Reiver, his C-43.) The fields are flowlined and the details blurry in the latest state. The squared-off feature of the top of the inner curl remains visible, but it is dull in later states. The lumps on the face remain visible.

REVERSE: Points and fine lines at various angles at **ONE CENT**, **strongest up to left from left side of E in ONE** and down from left base of N in CENT. Line connects left side of C in CENT to berry at left. Earliest has fine polishing lines down to right covering the fields, plus additional small points from the legend and wreath. The polishing lines fade quickly; the other lines and points fade and are gone in latest state, the ones up to left from left side of E in ONE the last to go. The legend grows weak and blurry outside the wreath as flowlines and roughness become stronger. Develops a small lump on left end of left base of N in ONE and another on right edge of serif of C in CENT. A dull point gradually grows up from top of E in CENT over the serif of the crossbar (Reiver's C-43). This point grows larger and is really a flowline. Two similar lines up slightly to left develop inside the bottom of that E.

RARITY 1 (Fifteen seen in mint state; six of those show a significant amount of mint red, another half dozen have traces of mint red remaining visible. Many seen in About Uncirculated grades.)

DIE STATES:

- Lines to right from dentils under 51. (Scarce)
- Lines from dentils below 51 gone. Reverse points still clear.
- Reverse points gone. Strong point down to right from main curl still visible.
- Points from main curl gone. (Reiver's C-43) (Seen weakly struck with a large low spot covering most of the obverse and part of the reverse.)



1851

N-14



OBVERSE: (DRN 8 8 3 8 3 6) **Bottom of bust dips below tops of 1 & 8.** First 1 is repunched with a horizontal line under the peak and another under the base. Diagonal lines connect neck to jaw at throat. Earliest has fine lines down to right at dentils between star 1 and date and a small lump in the field left of the upper point of star 9. Tiny lumps on face, chin, and jawline. The lines at the dentils and small lump at star 9 fade and disappear quickly. The repunching at the first 1 and lines at the throat fade and disappear later. Later examples often have low spots covering most of neck, curls over date, field around the 8, and field at star 11.

REVERSE: **Point up to right from top of diagonal of N in CENT.** Line down to left inside E in ONE, strongest where it emerges down from crossbar. Short point up from right center of top of T in CENT. Earliest state has fine lines in the dentils over NIT and a fine line down to left from the dentils to the right top of that N. The lines at NIT disappear quickly. The diagonal line inside the E in ONE fades and becomes a dull point down from the crossbar. The point up to right from the diagonal of N in CENT fades but remains visible, and the point from the top of that T disappears.

RARITY 2 (One and a half dozen seen in mint state; three of those show a significant amount of mint red, seven more show traces of mint red. Many more seen in About Uncirculated grades. Three of the mint state examples are in state a.)

DIE STATES:

- a. Lines at throat clear. Repunching visible under peak and base of first 1. (Rare)
- b. Lines at throat visible. Repunching under peak of first 1 gone. Repunching under base of that 1 still visible.
- c. Lines at throat and repunching under base of first 1 gone.



1851

N-15



OBVERSE: (DRN 7 6 5 8 8 6) (Same as N-26, earlier) **Strong points down to right from bottom of main curl.** Tiny points up to right from inner curl. Dull lump on jawline just left of earlobe. Earliest has small points down to left from throat, but these disappear quickly. The small points from the inner curl fade and disappear. The strong ones from the main curl also fade as the fields become flowlined, and only two dull ones remain in latest state (the two on the left in the diagram). The lump remains visible, but it only shows on sharp examples.

REVERSE: (Same as N-1, later) **Point up to left from left base of E in ONE;** another up inside the base of O in ONE and up to left from left top of N in CENT. Earliest has additional points and light lines as seen on the latest state of the N-1 marriage. The lines and points fade and most disappear, but the points from inside the O and from the left base of E in ONE remain visible in latest state, although they are dull. The legend outside the wreath is weak and flowlined late. Sometimes seen with strike doubling on the diagonals of the N's in ONE CENT.

RARITY 3 (More than 50 seen in mint state; at least 20 of those show a significant amount of mint red and many others have traces of mint red remaining visible. Nearly all of the mint state examples are in die state **b**, probably from a small hoard.)

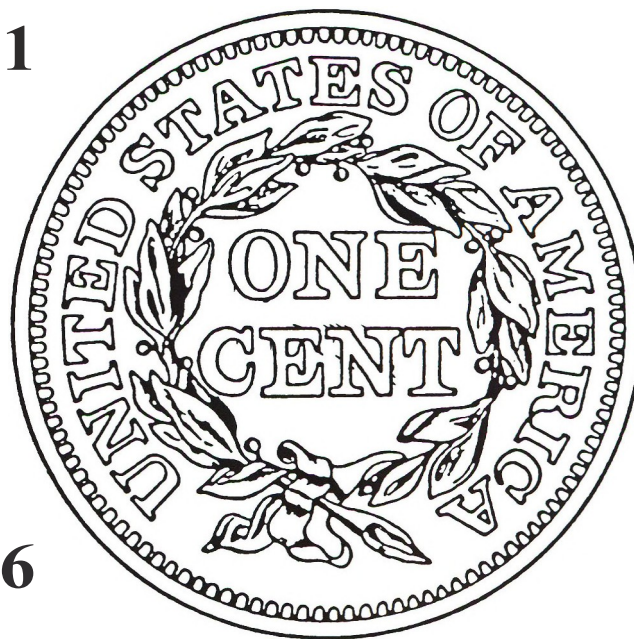
DIE STATES:

- a.** Numerous points from inner and main curls. Short points down to left from throat. (Rare)
- b.** Points from throat gone. Two dull points remain down to right from main curl; the others are gone (the usual state).



1851

N-16



OBVERSE: (DRN 5 5 5 5 4 6) **Line up to right from inner curl into field nearly touching main curl.** Other lighter lines at same angle up to right from inner, main, and lowest curls. Lines up and down to left from neck. Lines up to left from dentils through star 13 to lowest curl, some extending through to tip of inner curl. First 1 is repunched with a horizontal line through center of upright, strongest on left side. Rough line down from dentils left of star 4. Large, shallow lump on middle of jawline visible on sharper examples. All the lines and points fade and disappear, the one at star 4 and strong one up to right from the inner curl the last to go. Flowlines and roughness form, strongest on lower half of die. The neck and bust also become rough. The lump on the jawline remains visible on sharper examples, but sometimes it is obscured by a low spot.

REVERSE: **Point up to left from top of E in CENT over serif of crossbar; another up to left from left upright of that N.** Other points up to left from NE in ONE and ENT in CENT in earliest state. Points down from left side of O in ONE and tops of CE in CENT. Small lump on bottom edge of O in ONE and right side of right upright of N in CENT. The points fade and most disappear, but dull remnants of the point up to left from the top of E and left upright of N in CENT remain visible in latest state. In the latest state they are the only attribution points available on worn examples.

RARITY 3 (A dozen seen in mint state; five of those show a significant amount of mint red; four more show traces of mint red. Two dozen seen in About Uncirculated grades.)

DIE STATES:

- a. Horizontal line through center of upright of first 1. (Scarce)
- b. Line through upright of 1 gone.



1851

N-17



OBVERSE: (DRN 3 4 3 5 6 6) **Lump between R & T;** another on right side of L, one in field close to main curl, and another in field over junction of 8 & 5. Earliest has many strong lines down to right covering the fields, strongest around date, stars 1-2, and in front of neck. Heavy concentration of lines up to right from inner curl through main curl to bottom of inner hair bun. Short points down to left from neck; other stronger ones down to right from main curl. The first 1 is repunched with a horizontal line to right from right side of upright. Lapping removes the lines, most of the points, repunching on the first 1, and lump over 85. The points from the neck and main curl are weaker but still visible following the lapping, and they disappear later. The lump in the field near the main curl becomes weak but remains visible. The lumps at L and RT remain clear. Latest has a couple thin rim cud breaks at stars 1-2.

REVERSE: Earliest has reflective fields that are covered with fine polishing lines down to left at various angles. (The reflective fields provide quite a contrast to the obverse, which is covered with rough die lines in this state.) Earliest also has fine lines down to left from the dentils over F-A, fine lines down to left over MER, strongest over M, and a line down to left from the dentils to left top of N in UNITED. Short spike up to right from leaf left of O in ONE. The lines fade and disappear quickly; the spur from the leaf left of O disappears later. Latest has a very rough field that is rising around the legend.

RARITY 2+ (Eight seen in mint state; three of those show a significant amount of mint red. Four of the mint state pieces are in die state **a**; the other four are in die state **c**. Ten more seen in About Uncirculated grades.)

DIE STATES:

- a.** Lines down to right cover field at date. (Scarce)
- b.** Lines in field at date gone. Point down to right remains from main curl over tip of inner curl.
- c.** Point down to right from main curl gone. Narrow rim cud break(s) at stars 1-2. (Very Rare with either or both rim cuds showing) **PHOTO**



1851

N-18



OBVERSE: (DRN 3 3 5 5 7 6) **Rough, irregular line or crack extends from lower half of outer hair bun to near lower point of star 10.** Earliest has a long spike down to right from dentils over left side of star 8. Sharp examples show a large rectangular lump on cheek right of nostril. A lapping early in the marriage weakens the spike from the dentils and leaves the fields slightly reflective. The spike then disappears completely as the fields become flowlined. The line or crack to right from the hair bun is weak early and becomes stronger as the dies wear (lending support to the crack option). Latest has rough, flowlined surfaces, and the line/crack from the hair bun clear.

REVERSE: **Point down from diagonal of the N's in ONE CENT.** Dull point down from leaf between berries over N in ONE; another down slightly to right from right base of O in ONE. Earliest has fine lines down to left from dentils over MERIC, strongest over RIC. A lapping early in the marriage (same time as the one described for the obverse) removed the lines at MERIC and added new vertical polishing lines in the fields. These polishing lines fade and disappear quickly. The points fade and disappear, the ones from the N's the last to go, as the fields become rough and the details mushy. Often seen with strike doubling on much of the legend and wreath in earlier states.

RARITY 1 (Two dozen seen in mint state; four of those show a significant amount of mint red and six more show traces of mint red. Two of the mint state pieces are in die state **a**; most are in die state **c**. Many seen in About Uncirculated grades.)

DIE STATES:

- a.** Spike down to right from dentils over left side of star 8. (Rare)
- b.** Spike from dentils gone. Points down from diagonals of N's in ONE CENT still visible.
- c.** Points down from N's in ONE CENT gone.



1851

N-19



OBVERSE: (DRN 5 5 3 I 2 7) **Dull vertical lines from inner curl to main curl, one from the tip of the inner curl. Second 1 repunched with a horizontal line through its upright, strongest on left side.** Weaker lines down to right in field at date with extensions through bust to field at neck and chin. Crack occurs very early from the dentils left of star 4 through the bottom of that star to the nose. This crack is faint early, strongest near the star, but it quickly becomes stronger and extends across the nose to the eyelash and through E, head, and star 9 to the dentils. Additional cracks develop in the sequence outlined below as the fields become very rough from flowlines. The lines and repunching fade and are gone in latest state. **In most die states the crack through star 4 is the easiest attribution point for this variety.**

REVERSE: **Heavy diagonal lines at various angles at E in ONE.** Similar strong lines and points at ONE CENT and wreath. Clashing during the marriage leaves clashmark up to left from the left top of N in CENT and a weaker one down to right from right end of left base of N in ONE. The lines and points fade and disappear, the strong ones right of E in ONE and from the leaf left of C in CENT visible longest. In the latest state, a couple dull, faint points down to right from the leaf left of the top of C in CENT are still visible. The fields are rough and flowlined late and the legend outside the wreath is weak.

RARITY 3 (One and a half dozen seen in mint state; five of those show a significant amount of mint red, five others show traces of mint red. No mint state examples seen in die state **a**. Many seen in About Uncirculated grades.)

DIE STATES:

- a.** Obverse uncracked. (Extremely Rare)
- b.** Fine crack through star 4 to nose and across face and head to star 9.
- c.** Crack from star 1 to chin and up to earlier crack before eye. Obverse lines dull or gone.
- d.** Crack from star 1 across bust to star 12. Obverse die lines faint, lost in flowlines.
- e.** Crack from brow lock through coronet to dentils over star 7. All lines gone.

Note: Flowlines and roughness make the cracks dull and difficult to see in latest state.



1851

N-20

N-28



OBVERSE: (DRN 65 53 25) **Long, dull lines down to right from main curl, strongest near inner curl. Two diagonal lines down to right in space right of Y.** Other lines down to right from inner hair bun, inner curl, curls over date, and in field at date and stars 1-2. Short lines up to left from coronet and hair at stars 6-7. Line down to right under R, inside ear, and from earlobe. Lines down to left from curls over date. A few lines up slightly to left from neck. First 1 is repunched several times with three horizontal lines to right from just below the middle of the upright, the center line strongest and shown on diagram. Two other horizontal lines under base of that 1. The second 1 has a lighter horizontal line to left from middle of its upright. The lines and repunching fade and become blurry and lost in flowlines. The only lines remaining in the latest state are the ones at R and Y and the stronger ones down to right from the main curl, and these are dull and hidden in flowlines. This is Newcomb's #28. Cracks develop from dentils through star 5 to the coronet and another from dentils at star 1 through that star to the bust tip and into the field over the 8. Sharp examples also show a fine crack from coronet down the profile to chin. The curl over the 5 is nearly gone in latest state due to die wear and lapping.

REVERSE: **Lines up slightly to right from leaf below RIC.** Additional lines through ME, RIC, and NIT. The fields quickly become rough and flowlined, and most of the lines fade and disappear. The tops of C & E in CENT become joined by crumbling (Newcomb's #28). In the latest state, all the lines are gone except for some dull remnants of the ones from the leaf below RIC. A fine crack occurs early (before the tops of CE become joined or any cracks form on the obverse) up from the dentils to the ribbon and along wreath to left and right. Additional fine cracks occur later through the top of ONE down to the right top of T in CENT and leaf at right, and down from the right side of that T through the wreath and A to the dentils at the stem tip.

RARITY 3+ (Two dozen seen in mint state; five of those show a significant amount of mint red and many others have traces of mint red remaining visible. Most of the mint state examples are in die state c; no mint state examples seen in die state a.)

DIE STATES:

- a. Lines down to right in field at date and stars 1-2. (Rare)
- b. Lines in field at date and stars 1-2 gone. Tops of C & E not joined. Sometimes with very fine die cracks on the reverse.
- c. Tops of C & E in CENT joined. Both dies with very fine cracks. (Newcomb's #28)



1851

N-21



OBVERSE: (DRN 3 3 3 5 6 7) (Same as N-36, later) **Lumps on face, neck and bust, clearest one just over tip of curl at base of neck.** Short lines and points up to left from neck; others up to right from upper portion of main curl. The lines and points fade but remain visible. The lumps are always visible, the one over the curl tip clearest on worn examples.

REVERSE: **Dull spur or point up to right from serif of right base of E in CENT.** Line joins top of E & Nin CENT. Earliest has many strong, rough lines down to left inside wreath and others up to left from O & C in ONE CENT and from leaf right of E in ONE. Sharp examples always show a depression on the outer edge of the rim over the left side of M. Lapping early in the marriage removes all the lines and points except for the point up to right from the lower serif of the E in CENT. Lines are added from the dentils through ME to the wreath, with additional weaker ones from the dentils to R. These lines look like strong flowlines in later states as the legend outside the wreath becomes rough and blunted, especially at UNITED. Lapping late in the marriage smooths out much of the roughness and weakens the lines at ME, but the point from the serif of E remains visible, although shorter and weaker.

RARITY 3+ (Four seen in mint state; one of those shows a significant amount of mint red. More than a dozen seen in About Uncirculated grades.)

DIE STATES:

- a. Many strong lines down to left in field at ONE CENT. (Rare)
- b. Lines in field at ONE CENT gone. Lines added through ME to wreath. (Some seen with strike doubling/machine doubling on the reverse.)
- c. Legend outside wreath rough and blunted.



1851

N-22



OBVERSE: (DRN 6 6 5 3 2 6) **Several closely spaced lines down to left in space right of Y. Points up to left from forehead and forelock.** Lines down to right from main and inner curls, strongest from top of inner curl. Line up slightly to right of vertical from top of inner curl to main curl. Lines up to left from neck to jaw at throat; these are crossed by long points down to left from throat. Points down to left from lips and nose. The field is slightly rough in the earliest state, and the roughness increases. Lapping smooths the roughness and weakens the lines and points. Additional lapping later removes the lines at the curls and throat and weakens the points, but remnants of the points at the throat and one on the forehead just below the hair remain visible, although weak. In latest state, the lines in the space right of Y offer the best attribution marker. The dentils and bottom half of the date are weak in latest state.

REVERSE: **Strong spikes from left top of N and left top of I in UNITED to dentils.** Strong line down slightly to right of horizontal inside top of T in CENT extending to right top of that N. Earliest has lighter lines from tops of UN to dentils and a couple lines from the left side of C in CENT down to left to leaf. The field is slightly rough in earliest state. Lump on left side of in ONE and a smaller one on left top of that N. Lapping removes the fine lines at UN and weakens the other lines. A subsequent lapping removes the line at NT in CENT and further weakens the two strong lines at NI, but they remain visible in latest state as points from the tops of those letters, the one from N clearest. The lumps at O & N in ONE remain visible, as do traces of the lines from C to leaf. The legend outside the wreath is weak and blurry late.

RARITY 4+ (Five seen in mint state; one of those shows a significant amount of mint red, two show traces of mint red. Three more seen in About Uncirculated grades; ten more in Extremely Fine grades. Most of the mint state examples seen are in die state **a**.)

DIE STATES:

- a.** Lines at main curl and NI in UNITED clear. Line at NT in CENT clear. Fields smooth.
- b.** Lines at main curl and NI blurry. Line at NT clear. Fields rough and flowlined.
- c.** Lines at main curl and NT in CENT gone. Lines at NI in UNITED now only dull points.



1851



N-23

OBVERSE: (DRN 4 4 4 5 4 6) **Tiny curved line on left top of T. Fine line shaped like a "J" down from hair under B.** Two tiny points up to right from inside tip of inner curl, the left point stronger. Dull spur to right from bottom edge of bust over left side of 8. Sharp examples show a tiny lump and fine, curved line on neck. The fields become rough and flowlined and the points at the inner curl fade into the roughness. Lapping removes the spur from the bust over the left side of 8 and leaves fine, nearly vertical polishing lines in the fields. These polishing lines disappear quickly. The fine lines at T and from the hair below B remain visible, but not on well-worn examples. Worn, late state examples of this variety are a challenge to attribute. The curved line on top of the T is your best hope.

REVERSE: Lines down to right at TA in STATES, strongest from dentils to right top of the A. Fine lines down to left hidden between dentils over NITE, strongest at TE. Small lump on right side of N in ONE. Dull point down to right from right base of E in ONE. The lines and points fade and the remnants are lapped away, the lapping leaving nearly vertical polishing lines in the fields. The polishing lines disappear quickly. The lump on N in ONE remains visible. Like the obverse, this die doesn't offer much to go by in the late state.

RARITY 3 (One dozen seen in mint state; four of those show a significant amount of mint red, six more have generous traces of mint red remaining visible. Ten more seen in About Uncirculated grades. Five of the mint state examples seen are in die state a.)

DIE STATES:

a. Fine lines at TA in STATES. (Comes with the reverse perfectly aligned head-to-foot and others have the reverse rotated 15 degrees CW.)

b. Lines at TA in STATES gone. (The usual state.)



1851

N-24

N-32



OBVERSE: (DRN 4 5 5 5 4 5) **Strong lines up to right from inner curl to main curl, some into field below main curl. Three strong lines down to left from neck.** Some lighter lines from main curl to bottom of inner hair bun. Short lines or points down to left from throat, jaw, nose and mouth; others up to right from lowest curl right of inner curl. Earliest has short, horizontal lines from dentils at star 1 and an irregular line or crack to left from the upper left point of star 8. Later examples have this line or crack extending to right from the right point of that star. Sharp examples show some rough irregular lines on the neck and cheek. The lines from the dentils at star 1 fade and disappear early. The other lines and points fade, but dull remnants of the strong ones up to right from the inner curl and down to left from the neck remain visible as long, dull points in latest state (Newcomb's #27 late and #32).

REVERSE: Lines up slightly to left of horizontal from lower half of C in CENT to leaf and berry at left. Short line down to left from left edge of top of T in UNITED. Large lump on body of right upright of N in CENT near top. Smaller lumps usually show on top of O in ONE, left side of the body of C in AMERICA, body of leaf under right side of that C, and body of leaf over right side of E in ONE. The line at T in UNITED fades and disappears rather early; the ones from C in CENT disappear later. Lapping late in the marriage leaves fine vertical polishing lines inside the wreath, but these disappear. Latest has STATES OF AMER weak.

RARITY 3 (Seven seen in mint state; two of those show a significant amount of mint red, four more have traces of mint red remaining visible. Another eight seen in About Uncirculated grades. One of the mint state examples is in die state a.)

DIE STATES:

- a. Lines from dentils at star 1. Lines up to right from inner and main curls clear. (Scarce)
- b. Lines from dentils at star 1 gone. Lines from main and inner curls dull but visible.
- c. Lines from main curl gone. Ones from neck and inner curl reduced to long, dull points.

Note: Newcomb confused his varieties #24, 27, & 32, both in his book and his collection. The cracks through star 8 of today's N-24 were described by him for N-27, and the repunching over the left base of the first 1 (for today's N-27) was described by Newcomb for his #32. Delisting his #32 was an arbitrary decision I made long ago, but one of his numbers had to go.



1851

N-25



OBVERSE: (DRN 7 6 4 2 8 7) **Line down from dentils over left side of star 8.** Lines up to right at slightly different angles from inner curl to main curl. Short lines and points down to left from throat. Point up to right from main curl just below inner hair bun. Two points up slightly to left from nose before eye, the lower point stronger. Tiny lump just below hair under right side of B; another in hair below space right of Y. The fields become rough and flowlined and the lines and points from the throat disappear. The lines at the inner curl fade and are barely visible late. The line down from the dentils at star 8 becomes short and blurry, but it is always visible where it exits the dentils. The date and stars are blurry in latest state.

REVERSE: Earliest has a fine line down to left inside right top of T in UNITED and another down to right from dentils to right top of first S in STATES. The field is smooth early but it quickly develops flowlines and roughness as the lines disappear. The legend outside the wreath is blurry in latest state.

RARITY 3- (One dozen seen in mint state; one of those shows a significant amount of mint red, five more have generous traces of mint red remaining visible. Ten more seen in About Uncirculated grades.)

DIE STATES:

- a.** Points and lines down to left at throat visible. (Scarce)
- b.** Points and lines down to left from throat become lost in flowlines. (Some seen with the reverse rotated 15-20 degrees CCW.)



1851

N-26



OBVERSE: (DRN 7 6 5 8 8 6) (Same as N-15, later) **Die is worn out with date and stars blurry.** Two small points down to right from main curl over tip of inner curl. Small lump on jawline just left of earlobe, but it is weaker than on the N-15 marriage due to die wear. The points from the main curl fade and disappear as flowlines extend up from the upper edge of the bust near the neck and the date becomes even weaker.

REVERSE: Line from left top of N rests on top of E in CENT with its left end tilted up to left creating a fine point over left edge of upright of that letter. Other points up to left from left top of N in CENT and left edges of O & N in ONE. A line connects the tops of O & N in ONE. Small lump on right side of upright of T in CENT close to top. Another lump occurs early on the right edge of the right pendant of that T. The legend outside the wreath becomes weaker from flowlines but most of the lines and points at ON and EN remain visible.

RARITY 4+ (A dozen seen in mint state; seven of those show a significant amount of mint red. Another ten seen in About Uncirculated grades. Die state **a** is unknown in mint state.)

DIE STATES:

- a.** Without lump on right side of right pendant of T in CENT. (Scarce)
- b.** Lump on right edge of right pendant of T in CENT. Two small, dull points down to right from main curl over tip of inner curl still visible.
- c.** Points from main curl gone. Lump on right pendant of T still clear.



1851

N-27



OBVERSE: (DRN 4 4 5 6 5 6) Lines up slightly to left of vertical from inner curl to main curl; a couple others down to right from main curl over inner curl. Two points up from hair under star 7. A few tiny points up to left from lowest curl just right of inner curl; another down to right from bottom of inner hair bun. Tiny point down to right from bottom of chin; another down to left from neck near throat. Tiny lump close to right side of Y. Earliest has first 1 repunched with a fine nearly horizontal line close over left base (see note following N-24). The repunching over the left base of the 1 disappears early. The lines at the inner curl become weak and blurry as roughness fills the fields. The other points fade and disappear, the points from the hair under star 7 the last to go. In the latest state, the field is rough, the date is blurry, and flowlines create long points up slightly to right of vertical from the inner and lowest curls. The left base of the first 1 becomes joined to the right top of a dentil by a flowline, and the right end of the second 1 is joined to the left center of a dentil by another flowline.

REVERSE: Point up from right foot of T in CENT; a smaller point up from right top of that T. Lumps on right top of N in ONE and smaller ones on that O. Earliest has two sharp spikes down to left from dentils over second A in AMERICA and fine lines at different angles from dentils over UN, TES, and UNI. The lines at the dentils disappear very early; the spikes over A and point from top of T in CENT disappear a bit later. The surfaces become rough and flowlined and the legend outside the wreath becomes blurry, especially at STATES OF AM. The lumps at O & N in ONE disappear as lapping decreases the depth of field for those letters. A new lump forms late on edge of leaf stem close under berry at IT in UNITED. The point up from the right base of T in CENT fades and is barely visible in latest state.

RARITY 5- (Ten seen in mint state; two of those show a significant amount of mint red, four more have traces of mint red remaining visible. Another half dozen seen in About Uncirculated grades, five in Extremely Fine grades.)

DIE STATES:

- Repunching over left base of first 1. (Very Scarce)
- Repunching over left base of first 1 gone. Lines at inner curl dull but visible.
- Lines at inner curl gone. Without lump on stem under IT in UNITED.
- Lump on stem under IT in UNITED. The point up from right base of T in CENT faint, reduced to a tiny lump.



1851



N-29

OBVERSE: (DRN 5 5 3 4 3 8) **Lumps in upper half and on top of E.** Line up to left connects neck to jaw at throat. Points down to left from neck and jaw; another down to right from chin. Fine line up to right from inside tip of inner curl; another vertical one over tip of inner curl. Earliest has a short horizontal line under the right center of the base of the first 1, probably from a misplaced 1. The line under the 1 disappears rather quickly; the other lines and points fade and disappear later as the field becomes flowlined and wavy. The lumps at E remain visible.

REVERSE: Fine lines down to left from dentils to tops of NIT, strongest over right top of I; others down from dentils to tops of TAT, strongest to top of second T. These fine lines fade and disappear rather early. The legend outside the wreath becomes weak as the fields become flowlined.

RARITY 2 (Ten seen in mint state; five of those show a significant amount of mint red, four others have traces of mint red still visible. Ten more seen in About Uncirculated grades.)

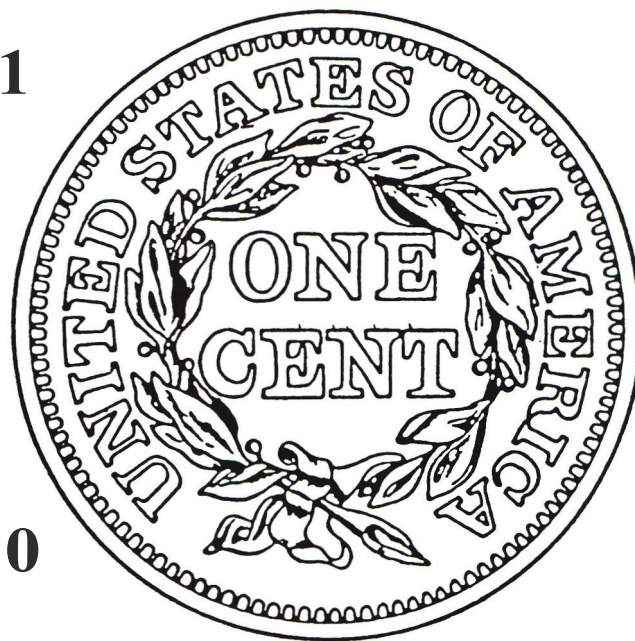
DIE STATES:

- a. Horizontal line under right center of base of first 1. (Scarce)
- b. Line under first 1 gone. Line at throat dull but visible.
- c. Line at throat gone.



1851

N-30



OBVERSE: (DRN 3 3+ 4 5 7 9) Short point down to right from jaw near throat. Earliest has fine polishing lines down to right in fields, strongest from main curl. Early state frequently has low spots on neck and chin. The fine polishing lines fade and disappear quickly. The point from the jaw fades and disappears later as the fields become flowlined and a bit rough. Strong flowlines up to right develop from upper edge of bust. A flowline grows down to the top of the 8 from the tip of the curl above. Latest has mushy, weak details and the inner ear opening larger than normal with a very flat bottom, a result of excessive lapping to reduce flowline roughness.

REVERSE: Points up slightly to left of vertical from tops of ENT in CENT, strongest single point from left top of T. Strong, short line down to right close under center of A in STATES. The fields become rough and flowlined as the legend outside the wreath weakens and becomes blurry. The points and short line fade and mostly disappear, but faint, dull remnants of the short line under A and point up from the left top of T in CENT remain visible.

RARITY 2 (One and a half dozen seen in mint state; two of those a significant amount of mint red, eight others have generous traces of mint red remaining visible. Many seen in About Uncirculated grades. No mint state examples seen in state c.)

DIE STATES:

- a. Point down to right from jaw at throat.
- b. Point from jaw gone. Points from tops of ENT still visible.
- c. Points at ENT gone except for a faint remnant of the one from T.



1851

N-31



OBVERSE: (DRN 7 6 5 2 1 5) **Crude "W" formed by lines on cheek.** Fine line down to left from left base of R. Strong double line (two lines very close together) up to right from top of inner curl to main curl. Star 2 has a strong spur to left just above its left point (remnant of a hub defect). Tiny lump right of eye. Two stronger lumps form later on the upper half of the neck. The line at the inner curl fades and becomes a point up from that curl before it completely disappears. The spur on star 2 also fades and disappears. The fine line from R remains visible. The lumps and crude Ware visible in latest state but only on high grade examples.

REVERSE: **Strong point up from inside base of C in CENT.** Weaker point up from left top of that E; another from right edge of left top of that N. Short point down from right base of N in CENT. Early examples also show strong points down to right from base of T in CENT. Lapping then removes all the points except for the strong one inside the C, which remains clear, although a bit weaker. The lapping left a sharp line down to right from the berry over N in ONE to the right side of N in CENT where it emerges from the right side of that upright. Following this lapping the depth of field for the reverse is considerably less than on the obverse, and this condition can aid in identification. The lapping line fades and disappears and small lumps form on the left side of the body of C in CENT, inside the right upright of that N, and under the right top of that T. Some later examples show strike doubling. The point from inside C in CENT remains visible and is the key to attributing the variety in later states.

RARITY 3+ (One dozen seen in mint state; four of those show a significant amount of mint red, three others have generous traces of mint red remaining visible. Another dozen seen in About Uncirculated grades. Three mint state examples seen in state a.)

DIE STATES:

- a. Spur to left from star 2. (This spur is often dull.)
- b. Spur from star 2 gone. Line from berry over N in ONE to right side of N in CENT.
- c. Line from berry to N's in ONE CENT gone. Small lump on left side of right upright of N and under right top of T in CENT.



1851

N-33



OBVERSE: (DRN 4 4 4 5 4 6) **Base of first 1 delicately doubled with a small offset along its entire base, plus another horizontal line from an additional repunching clearly below the left half of the base.** Fine horizontal line under peak of first 1 from the repunching. Strong lines up to right from inner curl to main curl. The repunching under the peak and left base of the first 1 fades and disappears, but the delicate repunching along the bottom edge of the entire base of that 1 remains visible. The lines up to right from the inner curl fade and become dull but remain visible and the fields grow rough and flowlined. The details become mushy and the field very rough, especially on the left side where it rises around stars 1-5. The left end of the base of the first 1 grows a flowline down to the right top of a dentil, and the right base of the second 1 gains a flowline to the left top of a dentil.

REVERSE: **Strong crisscrossed lines at EN in CENT.** The legend becomes flowlined and mushy rather quickly, but the lines at EN are always clear. UNITED STATES is always weak and this condition becomes more obvious as the die wears.

RARITY 5 (Eight seen in mint state; none of those has a significant amount of mint red but six have traces of mint red remaining visible. Five more seen in About Uncirculated grades. Only one mint state seen in die state **a**.)

DIE STATES:

- a.** Repunching under left half of base of first 1 (clearly separated from the base). (Rare)
- b.** Repunching under left half of base of first 1 gone. (Fine doubling along entire base of first 1 normally visible on high-grade examples.)



1851

N-34



OBVERSE: (DRN 6 5 3 2 8 6) (Same as N-40, earlier) **All details except the date are severely blunted, and the area under the ear is heavily swollen.** Sharp point down to left from throat with shorter points at same angle from neck. Tiny points down to right from chin, main curl, and bottom of inner hair bun. Small points up to right from upper portion of main curl just below inner hair bun. The tiny points fade and disappear, but the strong one down to left from the throat is always clear.

REVERSE: **The legend and wreath are severely blunted, similar to the obverse.** Earliest has fine lines down to right from dentils to TES-OF, strongest at S-O, but these disappear quickly. The bottom of the E in ONE and tops of NE and ENT are joined with heavy swelling or smooth crumbling. Later examples have coarse flowlines at various angles from dentils through tops of UNITE, OF, and AMERICA, but these are not radial and may not be real flowlines. A very poorly prepared die and a perfect mate for this obverse.

RARITY 4 (A half dozen seen in mint state; four of those have a significant amount of mint red remaining, one more has generous traces of mint red still visible. Five more seen in About Uncirculated grades, several more in Extremely Fine grades. Third party graders tend to be “tough” on this variety, perhaps because the details are so badly blunted.)

DIE STATES:

- a. Fine but rough lines from dentils to TES-OF. (Rare)
- b. Lines at TES-OF gone.



1851

(N-35)



OBVERSE: (DRN 4 4+ 6 6 4 6) (Same as N-8, earlier) **Strong lump on neck at throat.** The fields are slightly rough, more matte than normal for a new die, and the roughness never becomes any stronger during this brief marriage. Sharp examples (good luck finding one) show fine repunching under the base of the first 1 directly below the upright and stronger repunching below the peak of that 1.

REVERSE: **Sharp points down to right from base of C in CENT.** Other points down to right from inside top of that C and base of adjacent E. Lines and short points down to left inside N in ONE and E & N in CENT. Fine points down to left from base and inside right upright of U and base of T & E in UNITED. Sharp examples show fine lines down to right covering the fields, strongest at OF AMERIC. Line at different angle from leaf to between F-A. The fine lines fade and some disappear, but most remain visible, especially the points from U and C in CENT. May come without any rim cud, but all higher-grade examples seen have at least some rim cud breaks. An exact sequence of these cud breaks is difficult to determine since the population of sharp examples is so limited, but the initial cud break **probably** is the strong one over MER, the next to last cud break the one off the stem tip to over the adjacent A, and the final rim cud appears to be the strong one under the ribbon. When the smaller cud breaks enter into the mix is anyone's guess. A sharp example without any rim cud breaks is unknown. The reverse is sometimes misaligned slightly to K-4, which makes the rim on the left side relatively thin and further hinders the visibility of those rim cuds. The early failure of this die undoubtedly resulted in a very brief marriage.

RARITY 5 (One seen in mint state, and it has no mint red. One more seen in About Uncirculated, two in Extremely Fine grades, and twenty in Very Fine grades.)

DIE STATES:

- a. Rim cud breaks at N and IT in UNITED, MER, and stem tip to adjacent A. **PHOTO**
- b. Additional rim cud break under ribbon. **PHOTO**



1851

(N-36)



OBVERSE: (DRN 3 3 3 5 6 7) (Same as N-21, earlier) **Lumps on face, bust, and neck, clearest one close over tip of curl at base of neck.** Short lines and points up to right from upper half of main curl; other slightly weaker ones up to left from neck. The lines, points, and lumps remain clear and very little die wear occurs during this brief marriage. The hub defects between stars 2 & 3 and over star 10 are clear.

REVERSE: (Same as N-43, 40, and 9, later than N-43 & 40, earlier than N-9.) **Long point up to left from right top of E in CENT.** Dull lump on right end of left base of N in ONE. Fine, nearly vertical lapping lines cover the fields. These polishing lines fade and disappear. The point and lump remain clear. Some show a very delicate clashmark down from the base of C in CENT.

RARITY 5+ (None known in mint state or About Uncirculated. The two finest seen are in Extremely Fine grades and more than a dozen seen in Very Fine grades.)

DIE STATES: All as above.



1851

(N-37)



OBVERSE: (DRN 6 6 3 2 8 6) Earliest has strong lapping lines up to left from dentils under date and star 13, a few reaching the curls over and left of that star. These lines fade and eventually disappear as the fields become flowlined. The roughness grows as the details become mushy and the field rises around the stars, strongest at stars 3-6.

REVERSE: Lumps on edges of ONE CENT. Earliest has lumps on inside lower left of C in CENT and another on the lower outside right edge of that letter, plus smaller lumps elsewhere. Another clear lump forms very early near the left end of the base of T in CENT, and **this is the best attribution point for all except the early die state**. The fields are smooth and details sharp in the earliest state, but the field soon becomes flowlined and the field rises around the legend. Later states have a tiny die break or line joining the lower serifs of E & S in STATES, but this line becomes obscured by roughness in the latest state.

RARITY 4 (Four seen in mint state; one of those has a significant amount of mint red remaining, three show traces of mint red. Another ten seen in About Uncirculated grades. The finest seen in die state a grades About Uncirculated.)

DIE STATES:

- a. Lapping lines up to left from dentils under date and star 13. Without lump on base of T in CENT. (Very Rare)
- b. Lapping lines up to left from dentils under date and star 14 faint or gone. Lump on base of T in CENT. (Scarce)
- c. Lapping lines from dentils faint or gone. Field rising around stars and legend, strongest at UNITED STATES.

Note: I have examined one example with a reeded edge. The reeding was added with great skill and is very deceptive, appearing to be "as struck." Other examples may exist.



1851

(N-38)



OBVERSE: (DRN 7 7 5 3 7 5) Short point down to right from jaw at throat. Earliest has tiny points up to right from top of inner curl and fine lines up to left from dentils at star 13, but these disappear quickly. The point down to right from the jaw near the throat remains longer, but it is lapped away during the marriage. A light, curved line under the left pendant of T is always visible on sharp examples, but it is weak following the lapping. The lapping reduces the depth of field and weakens the digits, changing the DRN to 7 7 6 3 7 7. In the heavily lapped state, the bottom of the inner ear is smooth and flat and shaped like a peanut: round at the top and bottom, narrow around the middle. Some later examples have a low spot that severely weakens the 85 and curl above.

REVERSE: Point down slightly to left of vertical from left top of E in CENT. Other points at same angle from NE in ONE and CEN in CENT, plus a few others down to right at both N's. Other small points in earliest state. The largest point in the early state is down from the base of E in CENT just right of center. The fields become flowlined, and a lapping smooths the roughness and removes most of the points, the one down from the left top of E in CENT clearest, although it is now shorter. The die continues to wear and grow flowlines, but the point down from the left top of E in CENT remains visible, although small and weak in latest state. That small, weak point is the only attribution marker available in the latest state.

RARITY 1 (Twenty seen in mint state; seven of those show a significant amount of mint red, three others show traces of mint red remaining visible. Many seen in About Uncirculated grades.)

DIE STATES:

- a. Points down from bases of E & N in CENT.
- b. Points down from bases of E & N in CENT gone.



1851



(N-39)

OBVERSE: (DRN 5 5 4 5 2 6) **Short, heavy bar down to right near dentils over star 3.**

Earliest has fine point s down to right from main curl, strongest over the inner curl, a short point down to left from the upper lip, and tiny points down to left from the upper portion of the nose. A lapping removes the points from the nose and main curl and leaves fine polishing lines down slightly to right of vertical in the fields, strongest near main curl. The date digits are now thinner. Another lapping later in the marriage removes the point from the lip and bar over star 3 and further weakens the date digit s leaving a very thin base on the first 1. The depth of field is very shallow and flowlines extend from the stars and date. The bottom of the ear is flat and larger than normal in latest state, a result of the excessive lapping. Some rather early examples (with the bar over star 3 clear) have the obverse misaligned to K-9; others to K-6.

REVERSE: **Lumps on top of E in CENT, largest just right of the upright.** Earliest has fine lines down to right over Nin UNITED, but these disappear quickly. Point up from right top of T in CENT and a line connecting the tip of the leaf right of that T to the berry below. The field outside the wreath becomes flowlined and the legend grows weaker. A lapping late in the marriage removes the point and line, but the lumps on top of E in CENT remain visible. The latest examples have the lumps on top of E in CENT very weak and a new lump inside the lower part of that C.

RARITY 2+ (Two dozen seen in mint state; seven of those show a significant amount of mint red, six more have generous traces of mint red remaining visible. Many seen in About Uncirculated grades.)

DIE STATES:

- a. Bar at dentils over star 3. (Scarce)
- b. Bar at dentils over star 3 gone.
- c. Lump inside bottom of C in CENT. (Scarce)



1851

(N-40)



OBVERSE: (DRN 6 5 3 2 8 6) (Same as N-34, later) **All details except the date are severely blunted, and there is heavy swelling under the ear.** Sharp point down to left from throat with tiny points at same angle from lower half of neck. The point from the throat remains clear but the tiny ones from the neck fade and disappear. Frequently has low spots, some rather severe and blunting the details, including the bottom half of the date.

REVERSE: (Same as N-43, 36, and 9, later than N-43, earlier than N-36 & N-9.) **Sharp point up to left from right top of E in CENT.** Dull lump on right end of left base of N in ONE. Earliest has fine polishing lines down slightly to right of vertical covering the fields, strongest at RIC, but these lines fade and disappear. The point and lump are always clear. Often has low spots, sometimes deep ones, around ONE CENT with some extending through wreath to legend. An example without any low spots on either side is quite rare.

RARITY 5+ (Four seen in mint state, and all four have a significant amount of mint red remaining. Another two seen in About Uncirculated grades, two more in Extremely Fine grades, and ten in Very Fine grades. Due to the blunted features on the obverse and the prevalence of low spots, third-party graders often grade these relatively harshly.)

DIE STATES: All as above.



1851

(N-41)



OBVERSE: (DRN 3 3 5 5 6 6) **Dull line joins tops of R & T.** Short point down to right from upright of T. Thin horizontal line under left pendant of T; another line down to left from left pendant of T to over right foot of R. Lines up to left from dentils under date and stars 11-13, the strongest lines reaching the bust tip and lowest curl over star 13. Fine extensions of these lines join neck to jaw near throat. A few rather flat lumps on neck. Tiny line down to left from eyelash near eyeball. A shallow depression on the rim at star 12 shows in all die states, but not on heavily worn examples. The fields become flowlined and rough and the details become weak and blurry, especially on lower half. The lines up to left from the dentils fade and disappear. Lapping or die clogging removes most of the center of the 8. The lines and point at RT remain visible in latest state, the dull line joining their tops clearest.

REVERSE: **Lump inside bottom of C in CENT.** Earliest has fine lines at various angles at MERI, strongest at RI. Tiny points from ONE CENT, strongest down from right end of left base of N in CENT. Lump (from minor crumbling) on right base of second S in STATES, under right top of N in ONE, and inside bottom of C in CENT (which is the best attribution marker, regardless of die state). Early strikes have a streak of roughness down through the right side of C in CENT. The fields become flowlined and the legend grows weak. Lapping and die wear remove the lines and points, but the lump inside the C remains clear. Later examples (but not just the latest) have a small cud break or dull lump on the rim at ME, and some with this lump have fine vertical polishing lines inside the wreath.

RARITY 4 (Eight seen in mint state; one of those shows a significant amount of mint red, four more have generous traces of mint red remaining visible. Another six seen in About Uncirculated grades. Most of the mint state examples seen are in die state **c**, none in state **a**.)

DIE STATES:

- a.** Lines up to left from dentils at date and stars 11-13. (Rare)
- b.** Lines from dentils at date and stars 11-13 gone.
- c.** Lump or shallow rim cud break at ME. (The cud will not show on worn examples. Some have a large low spot on the neck.) **PHOTO**



1851

(N-42)



OBVERSE: (DRN 4 5 3 5 2 7) (Same as N-1, earlier) **Three heavy vertical lines from dentils at star 4 nearly to star 3. The fields are covered with sharp lines down to right at slightly different angles, strongest from lowest curl to star 13.** Lines up to left from chin and mouth. Line down to left from dentils to just below star 9. The bottoms of the first 1 and 8 are repunched showing clearest as an extension below upright of 1. (Note: The earliest state of N-1 has the same lines as this earlier N-42 marriage. **Check the reverse.**)

REVERSE: (Same as N-44, probably later) **Fields are puffed out around the wreath and legend, the so-called "pillowed die."** The puffed-out fields are constant on all examples seen with this reverse die (one example of N-42, seven of N-44), most likely resulting from improper hardening of the die. Fine lines up to left at E in ONE; other lines and points at same angle from leaf right of that E. Short points up to left from left top of E in CENT; others up from top of T in UNITED. Points up to right from top of ribbon below EN in CENT. Point up to right from stem close to tip.

RARITY 8+ (Unique. Grades Extremely Fine-40.)

DIE STATES: All as above.

Note: This variety was discovered by Tom Wagemaker in 1986. The discovery was publicized in *Penny-Wise*, the newsletter of the Early American Coppers Club (EAC), and in several editions of *The Cherrypicker's Guide to Rare Die Varieties* (by Bill Fivaz and J. T. Stanton). To date no other examples have been found. This coin is plated at lot 1624 in the 1/29/1989 Superior auction of the Jack Robinson collection, but it was still owned by Tom Wagemaker and was repurchased in the auction. It is one of only two unique die varieties in the series of late date large cents (N-43 of 1847 is the other), and both are the product of the mating of dies used in other marriages.



OBVERSE: (DRN 5 5 4 5 3 6) **Points down to left from neck, the strongest single point from near center of neck.** Fine lines down slightly to right of horizontal from dentils under star 1 to below bust tip; others up to left from dentils at star 13, a few reaching the star. Earliest has fine, nearly vertical polishing lines covering the fields, but these disappear quickly. A strong lapping removes the lines from the dentils and shortens the points from the neck, but the points remain clearly visible. This lapping severely weakened the date digits and the bases of the 1's are very thin. The fields are reflective and the relief is shallow. The hair at the ear is weakly struck on all the examples seen in this late, heavily lapped state.

REVERSE: (Same as N-40, 36, and 9, earlier) **Strong point up to left from right top of E in CENT.** Other smaller points at ON and CEN. Line down to right from dentils to left top of E in UNITED. Lump on rim over C in AMERICA. The earliest has fine, nearly vertical polishing lines covering slightly reflective fields. These lines fade and disappear as the fields become matte. A strong lapping late in the marriage removes the line at E in UNITED and weakens the points at ONE CENT, but most remain visible, the one up to left from the right top of E in CENT strongest. The fields are reflective following this late lapping.

RARITY 5 (A dozen seen in mint state; eight of those show a significant amount of mint red. One more seen in About Uncirculated, two in Extremely Fine grades. Most of the mint state examples are in die state **a**, two are in state **b**. Many of these mint state pieces were sold as the N-9 die variety in earlier auctions and private sales.)

DIE STATES:

a. Lines from dentils at stars 1 & 13.

b. Lines at dentils gone. Dies heavily lapped; bases of 1's thin. (Extremely Rare) ***PHOTO***



1851

(N-44)



OBVERSE: (DRN 5 5 3+ 5 3 6) **The fields are wavy and puffed out around Ms Liberty and the stars, the "pillowed die" obverse.** Those fields are slightly reflective and covered with fine, mostly vertical polishing lines. The date is heavily punched into the die and both 1's are repunched several times. The most obvious repunching is a horizontal dash below the left half of the base of the first 1, two dashes to right from its upright, a dash to left from the bottom of the base of the second 1, and a dash to the left from the upright of that 1. Short points up to right from dentils below 51. Long, dull vertical line down from curls over space between 5 & 1; a similar line up from dentils right of date. Strong point up from brow lock; others from hair and coronet under star 6. Fine lines up at slightly different angles from inner curl.

REVERSE: (Same as N-42, probably earlier) **The fields are puffed out around the wreath and legend, the "pillowed die" reverse.** The puffed-out fields are constant on all examples seen, most likely a result of improper die hardening. Fine lines up to left from E in ONE; other lines and points at same angle from leaf at right. Short points up to left from left top of E in CENT; others up from top of the T in UNITED. Points up to right from ribbon under E in CENT. Point up to right from stem close to tip. These die lines are not especially strong, but the unique "pillowed" effect is obvious.

RARITY 7 (None seen in mint state. The finest are two in Extremely Fine grades; the other five are in grades ranging from Fair to VG. The slightly finer of the two Extremely Fine examples was discovered by Clifford Fellage in 1997 and was last sold as lot 2597 in the Stack's Bowers 7/16/2015 auction of the Jack Wadlington collection. The other Extremely Fine example was discovered by this author in 1992 and was sold as lot 1037 in the Superior 6/2/2002 sale of the R. S. Brown, Jr. collection.)

DIE STATES: All as above. ***PHOTO***

Note: The N-44 variety was discovered by Donald Weathers in 1991. Current population is 7. The "pillowed die" feature is obvious to the unaided eye. It is logical to assume the two "pillowed dies" were mated first, and then the obverse replaced with a properly prepared die to produce at least one example of the N-42 marriage before the pillows were put to rest.



1851

(N-45)



OBVERSE: (DRN 2 2 6 6 7 6) (Same as N-5, later) **Point of curl nearly over center of 8, which is farther left than on any other 1851 obverse (diagnostic).** This die was lapped between the two marriages and the earliest examples of N-45 have fine lapping lines in the fields passing NW to SE. The fields soon become flowlined again and the details always appear to be a bit mushy. There is a small lump right of T and others on the face and neck, plus a small "hangman's noose" on the jawline, but this is visible only on high grade examples. Always cracked from the coronet through the lower portion of star 5 to the dentils over star 4. Latest has an additional fine crack from the field under star 4 to the brow lock and through the coronet, L, and hair to star 8 eventually reaching the dentils right of that star. The cracks are obscured a bit by flowlines in the latest state, and the date is blurry.

REVERSE: **Strong lump on left end of base of E in CENT.** Smaller lumps on the left side of that E and right end of the base of E in ONE. Short spur up to left from leaf under M. The edges of the letters in the legend are rough, as are the edges of the wreath, ribbon, and stem. Some late examples have a small rim cud break on the outer edge of the rim over the second A in AMERICA. The strong lump on the left end of the base of E in CENT remains clear as the other defects fade, and this lump provides a positive identification for the variety in virtually any grade.

RARITY 4 (Eight seen in mint state; one of those has a significant amount of mint red, four others have traces of mint red remaining visible. Another six seen in About Uncirculated grades. Many of these were attributed as N-5 in earlier auctions.)

DIE STATES:

- a. Cracked from coronet through star 5 to dentils over star 4.
- b. Additional crack from below star 4 through coronet to star 8. In the latest state this crack extends faintly to the dentils right of star 8. Some have the reverse rotated 15-20 degrees CCW. (Scarce)

1852

Newcomb No.	Date Reference No.
1	2 4 5 5 6 8
4	4 5+ 3 2 1 7
3	4 6 2 1 3 9
(24), 15	5 6 5 8 8 8 N-24 Proof Only
5	5 6+ 4 8 7 6
6	6 7 1 7 8 9
7	6 7 3 7 8 8
16	6 7 4 7 7 6
17	6 7 5 7 8 6
22	6 7 6 8 8 7
10	7 7+ 6 9 7 5
18	7 8 3 7 6 9
8	7 8 4 7 7 7
20	7 8 4 8 7 7
21, (23)	7 8 5 8 7 8
14	7 9 5 9 3 5
11	8 9 5 8 4 7
12	9 0 4 7 1 6

Varieties Delisted

N-2	Late state of N-1
N-9	Late state of N-22
N-13	Late state of N-12
N-19	Does not exist (see N-8)



1852

N-1

N-2



OBVERSE: (DRN 2 4 5 5 6 8) **1 repunched with broken horizontal line below its base.** More delicate repunching on the 8 inside top and outside the lower right edge, and inside the top of the 5 on very early examples. Fine lines up to left from the dentils at star 13. Sharp lines up to left from neck at throat. The lines from the dentils at star 13 fade and disappear early. The repunching at the 18 and lines at the throat fade and disappear later as the fields become covered with flowlines (Newcomb's #2). A crack from the dentils through star 5 to the coronet occurs early while the lines at the dentils under star 13 are still visible. Other cracks form later as outlined below. In the latest state, the cracks are dull and hidden in strong flowlines, often appearing only as dull waves in the field. (The late state is sometimes confused with N-22.)

REVERSE: Dull point or lump inside right side of O in ONE. Earliest has fine polishing lines down to right inside the wreath, strongest at right edge of O in ONE, but these disappear quickly. The small point or lump inside the O fades and disappears as the fields quickly become flowlined and cracks develop around wreath and parts of legend as shown in the diagram. The latest state has severe roughness from strong flowlines that obscure many of the cracks outside the wreath. The ones inside the wreath remain visible, but they are never strong.

RARITY 1 (More than three dozen seen in mint state, and more than a dozen of those show a significant amount of mint red. Many more show traces of mint red. Only two mint state examples seen in die state a.)

DIE STATES:

a. Repunching at 18 sharp. No die cracks. (Rare)

b. Repunching under base of 1 dull but visible; repunching at 8 gone. Obverse cracks from dentils through star 5 to coronet, bust to dentils under star 12, and a final one from star 8 to the hair bun.

c. Repunching below base of 1 faint. Additional crack from bust tip to star 1 to nose. Reverse cracks faint.

d. Repunching under base of 1 gone. (Newcomb's #2)



1852

N-3



OBVERSE: (DRN 4 6 2 1 3 9) **Top of 5 touches curl and follows it evenly.** Early examples have two small points down to right from curl over 2 and two short lines down to left from dentils over right side of star 7. Small lump below eye. Earliest has slightly reflective fields that are covered with fine polishing lines down to right, strongest around lowest curl and star 13. The polishing lines disappear quickly; the lines and points fade and disappear later as the fields become rough and flowlined. The lump under the eye remains visible longest, but it fades into the roughness and is gone in later states. A strong lapping late in the marriage removes most of the roughness and leaves the base of the digits weaker, the base of the 1 especially thin.

REVERSE: Usually has a fine crack from dentils to right top of T and left base of E in UNITED through wreath to top of C, quickly extending through tops of ENT to wreath at right. Small lump at left top of O in ONE, inside bottom of C in CENT, and on rim below ribbon loop. Earliest has fine polishing lines down to right in slightly reflective fields, strongest at STAT, but these disappear quickly as the fields become flowlined. The crack may extend through the wreath right of T in CENT in later states, but flowlines outside the wreath hide any cracks in that area. The vast majority of this variety have the reverse rotated about 45 degrees CCW, but some early and late examples have the reverse unrotated or rotated slightly in a clockwise direction. A lapping late in the marriage reduces the roughness and removes the crack through the tops of CENT, but it remains visible at TE. The lumps remain visible, although small and weak in latest state.

RARITY 1 (Three dozen seen in mint state; more than a dozen of those show a significant amount of mint red, many more have traces of mint red showing. No mint state examples seen of pieces in die state a.)

DIE STATES:

- a. Reverse uncracked. (Very Rare)
- b. Reverse cracked from dentils through TE to wreath and tops of CENT to wreath.
- c. Dies lapped, the base of the 1 now very thin. The crack no longer shows through the top of CENT due to lapping and is clearest where it emerges from between the dentils above the right top of the T. (Scarce)



1852

N-4



OBVERSE: (DRN 4 5+ 3 2 1 7) Points up to left from head at stars 6-7. Fine lines down to right at ERTY, strongest from bases of ER. Fine line up to right between T & Y; a few others in space right of Y, the lowest one strongest. Small, dull point down to right from main curl over tip of inner curl. Earliest has short lines down to right at dentils from under the 1 to star 2. The lines from the dentils disappear quickly. The other lines and points fade and disappear later, the bottom one in the space right of Y the last to go (still visible when the reverse crack appears). A small lump forms in the hair right of the eyebrow. The fields become flowlined and the details grow mushy and weak. The date is extremely weak late. Latest has a crack from the top of star 4 through the coronet to the bottom of star 7.

REVERSE: Earliest has a fine nearly vertical line left of berry under first A in AMERICA and a fine line up from the right top of that R, but these lines fade and disappear. Small lump on right body of O in ONE visible on sharp examples. The fields become rough and flowlined and a rather strong crack forms up from the dentils at the ribbon tip to the base of U and along wreath to ST in STATES. Latest has a weak, blurry legend, but the crack remains visible, clearest at the U.

RARITY 1 (Twenty seen in mint state; four of those show a significant amount of mint red, another eleven more have traces of mint red remaining visible. Four of the mint state examples are in die state **c** and five others are in state **a**.)

DIE STATES:

- a.** Both dies uncracked.
- b.** Reverse cracked. (The usual state.)
- c.** Additional crack from star 4 to coronet and star 7. (Very Scarce)



1852

N-5



OBVERSE: (DRN 5 6+ 4 8 7 6) **Dull, short line up to right from right base of Y; another down to left from right foot of R.** Earliest has fine lines up to left from dentils under star 13. Sharp early examples also show some short lines down to right along jawline under earlobe. The lines at the dentils under star 13 fade and disappear as the fields become flowlined. Some have low spots that weaken the neck, bust, and much of the date, but these are repaired during the marriage. Develops strong rim cud breaks from above star 5 to star 6, and later from star 4 to star 5. The dull lines at R & Y remain visible.

REVERSE: **Points up slightly to left of horizontal from both sides of O in ONE.** Lump on body of leaf under right foot of A in STATES. The points at O fade and some disappear, but the ones on the left side remain visible, although small and weak in latest state. The lump on the leaf under A remains visible on sharp examples.

RARITY 2 (Twenty seen in mint state; five of those show a significant amount of mint red, four others have traces of mint red remaining visible. Most of the mint state examples are in die state **a**. No mint state examples seen of pieces in die states **c** & **d**.)

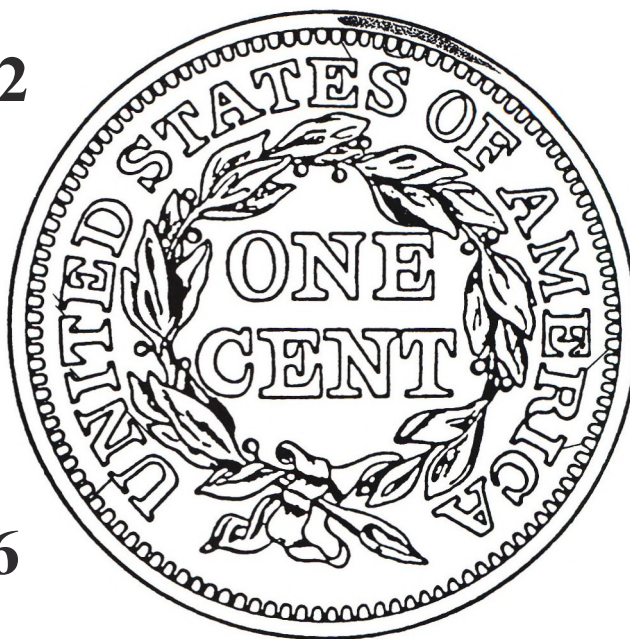
DIE STATES:

- a.** Lines from dentils under star 13. (Some have a low spot along the truncation.)
- b.** Lines from dentils under star 13 gone.
- c.** Rim cud break from over star 5 to star 6. (Very Rare) **PHOTO**
- d.** Additional rim cud break from star 4 to star 5. (Very Rare) **PHOTO**



1852

N-6



OBVERSE: (DRN 6 7 1 7 8 9) **Lines down to right at right corner of eye, earlobe, and main curl over inner curl.** Strong lump under front edge of eye. Sharp examples will show a short, curved line on cheek. A couple short lines up to left from bust at neck. The fields become flowlined and a fine crack occurs from the left top of L curving into the field off the brow lock. A strong rim cud break occurs from star 11 nearly up to star 10, and it soon extends down to star 12. This terminal cud break is one of the largest and most impressive cuds in the late date cent series, and fortunately for collectors it is the most common.

REVERSE: **A depression on the rim over ES-O is always present.** Fine lines up to right at NITE, up to left from right top of E in STATES, and up to left from tops of R & I in AMERICA. Stronger line up to left from right top of U. Other fine lines near dentils in earliest state. The lines fade and disappear as flowlines develop through legend, the strong line at U the last to go. Sharp later examples have small lumps on body of right top of E in AMERICA.

RARITY 2- (Two dozen seen in mint state; seven of those have a significant amount of mint red remaining visible, another half dozen show generous traces of mint red. Most of the mint state examples are in die state c.)

DIE STATES:

- a. No rim cud breaks on the obverse.
- b. Rim cud break from star 11 up to near star 10. (Extremely Rare) **PHOTO**
- c. Rim cud break extends down to star 12. (Scarce) **PHOTO**

Note: I have seen several high-quality counterfeits that were struck using spark-erosion transfer dies. These are from die state a. The rims are rounded and wider than normal and the edges are squared. The top of the 1 is crumbled to the bust. A few examples are known purposely struck off center to sell as mint errors. Photographs of two uncirculated examples (properly described as counterfeits) are available in the Superior Galleries auction catalog of 5 June 2000, lots 387 & 388.



1852

N-7



OBVERSE: (DRN 6 7 3 7 8 8) **Entire date repunched, clearest left of ball of 5 and curl of 2.** Horizontal dash below left center of 1 close to dentils, part of the base of a misplaced 1. Short spur to left from left side of earlobe. Field is smooth early but it quickly becomes rough and flowlined. The repunching at the date fades and becomes dull, and it is gone in latest state. The date and details are blurry late, but the spur from the earlobe remains visible. Latest has a dull crack from star 1 to across the bust and another from the tip of the coronet through star 5 to the dentils at left. Sharp examples will show a small void or depression on the outside edge of the rim at star 5 in all die states.

REVERSE: Small lump on left base of N in ONE, right side of the body of the second A in AMERICA, and on the rim over the left side of M. Later states have an additional stronger lump on the right top of E in CENT, and this lump is a reliable attribution marker in the later die states. The fields become rough and flowlined and the legend outside the wreath is weak and blurry in latest state. Some early and intermediate die state examples have the reverse rotated 30-60 degrees clockwise.

RARITY 1 (Twenty seen in mint state; five of those show a significant amount of mint red, another half dozen have traces of mint red remaining visible. Many seen in About Uncirculated grades. Two mint state pieces seen in die state **a**, two more in die state **d**.)

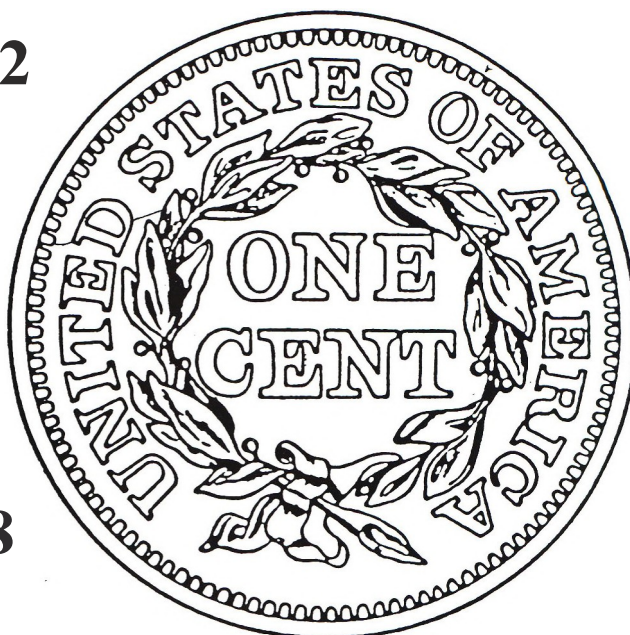
DIE STATES:

- a.** Repunching visible on all four digits of date. (Rare)
- b.** Repunching on 8 gone. Repunching on other three digits weaker but visible. (Some seen with the obverse misaligned to K-2.)
- c.** Lump on right top of E in CENT. Date repunching on the 1 & 52 faint or gone.
- d.** Die cracks from star 1 to bust tip and tip of coronet through star 5 to dentils. (Scarce)



1852

N-8



OBVERSE: (DRN 7 8 4 7 7 7) Usually has a very fine die crack from the lowest curl down just left of star 13 to dentils and another equally faint crack from the tip of the coronet to the dentils over star 5. The date digits are thin and appear to be more delicately punched into the die than normal. The fields are slightly reflective in the earliest state and they never develop significant flowlines. The cracks are always faint, never strong.

REVERSE: Earliest has tiny points to right from serif of E in CENT and polishing lines down to right in slightly reflective fields. The lines and reflectivity quickly disappear; the tiny points from E disappear soon after. A fine crack forms from the dentils through D to wreath below, the extension to the dentils very faint at first. This crack becomes slightly stronger, but remains light, and sharp examples may show a fine crack hidden in the wreath at ERICA. The fields become matte but never develop any significant flowlines.

RARITY 2 (More than 50 seen in mint state and many of those show a significant amount of mint red. One of the large cent varieties that is relatively easy to find in choice mint state condition and most are sharply struck.)

DIE STATES:

- a. Both dies uncracked.
- b. Faint crack from lowest curl to dentils left of star 13.
- c. Additional faint crack from coronet tip to dentils over star 5.
- d. Additional fine crack from dentils through D to wreath.

Note: Many choice uncirculated examples exist thanks to a hoard. Breen lists proof strikes (Breen #23) of this die pair. In my opinion, these are business strikes from the earliest state of the dies. The fields are reflective but the mirrors are not deep. Their eye appeal is outstanding and the strikes are excellent, but their status as proof strikes is highly doubtful. All examples claimed to be Newcomb's #19 have turned out to be N-8 in the early state, so the N-19 variety was delisted.



1852

N-10



OBVERSE: (DRN 7 7+ 6 9 7 5) **Strong, elongated lump up to right in space right of Y;** several smaller lumps around this larger one. Sharp line down to right from earlobe to curl on neck. Short, curved line to left from earlobe; another under eye near nose. Scattered lumps, some elongated, on neck and face. Fine lines down to right from dentils at stars 1-2. The lines from the dentils disappear quickly. Earliest has reflective fields covered with fine polishing lines down to left of vertical, strongest before bust and throat. The fields quickly lose their reflectivity and become flowlined as the die wears. The lines and lumps remain visible, the elongated lump in the space right of Y clearest.

REVERSE: The earliest have two dull lines down slightly to right of horizontal inside N in ONE, a tiny point to right from inside top of E in AMERICA, and slightly reflective fields that are covered with fine polishing lines down to right. The lines and point disappear quickly and the fields become slightly rough from flowlines. A line is added through UNIT rather early after the point and line of the earliest state disappear, but this added line also fades and disappears leaving lightly flowlined fields and no attribution markers.

RARITY 2+ (A dozen seen in mint state; five of those show a significant amount of mint red, two others have traces of mint red remaining visible. Another half dozen seen in About Uncirculated grades.)

DIE STATES:

- a. Lines from dentils at stars 1-2. Seen with squared rims. (Scarce)
- b. Lines from dentils gone. Rims usually are slightly beveled.



1852

N-11



OBVERSE: (DRN 8 9 5 8 4 7) **Strong football-shaped lump in space right of Y. Strong lines up to right from inner curl through main curl.** Fine lines up to left from tip of inner curl. Fine lines down to right from earlobe; a disjointed line at same angle left of earlobe. A strong line down to right on neck. Fine lines down to left from bases of E & R. The fields quickly become rough, strongest around date and stars 1-4. The lines fade but most remain clear, especially the strong lines up to right from the inner curl. Develops a **shallow** rim cud break below the 52 during die state **a**, but this cud disappears. Another **shallow** rim cud **moves up the rim** from star 1 to left of star 6 while the spur over U is clear, but this cud disappears as well before the strong rim cud forms over TES-O. The rims are always slightly beveled and there is something very different (and very confusing) about these shallow rim cuds! They can not be caused by the die itself. Perhaps a broken collar?

REVERSE: Earliest has a short, slightly curved line or long spur down to right from the dentils over U. Lump on left top of C in CENT; another on body of left upright of N in ONE near bottom. The spur or line from the dentils over U fades and disappears as the fields become rough and flowlined. Latest has a strong rim cud break at TES-O. This cud is preceded by a crack on the rim outlining where the cud is forming. The early state sometimes has the reverse rotated 45-85 degrees CCW. While the spur over U is still clear a series of shallow rim cuds sometimes are present from the ribbon bow up to the D in UNITED. These cuds closely resemble the rim cuds seen on the obverse.

RARITY 1 (More than fifty seen in mint state; many of those show a significant amount of mint red, often mellowed a bit from its original brilliance. The vast majority of the mint state examples are in die state **d**. A variety that is relatively easy to find in choice mint state.)

DIE STATES:

- a.** Sharp spur or line from dentils over U. (Sometimes has a rotated reverse.) (Rare)
- b.** Spur or line over U clear. Shallow rim cud break under 52. (Unique)
- c.** Spur or line over U clear. Rim cud break at 52 gone. **Similarly-shaped** shallow rim cud at various positions from star 1 to left of star 6 or on the reverse with a series of similar rim cuds from below the ribbon loop to D in UNITED (may be a "collar break" moving around the rim?). Various combinations are known. (Extremely Rare) **PHOTOS**
- d.** Spur over U and shallow rim cuds on the obverse gone. Often seen with crack on rim outlining where rim cud is forming over TES-O. A few are known with this crack strong, especially over TE.

PHOTO

- e1.** Rim cud at TE in STATES. (Unique) **PHOTO**
- e2.** Rim cud extends to over TES-O. (Rare) **PHOTO**



1852

N-12

N-13



OBVERSE: (DRN 9 0 4 7 1 6) **1 is repunched under base, strongest an extension of upright under base.** Early examples show repunching under peak of 1 and on bottom outside edge of 8. Two points to right from main curl close under hair bun; another down to right from lower portion of main curl. The repunching at the peak of 1 and bottom of 8 disappears early; the stronger repunching under the base of 1 disappears later as the fields become flowlined. The points from the main curl disappear later. **A dull crack from the bust tip to star 1 occurs after the repunching under the base of 1 disappears.** (Newcomb's #13) Strong flowlines connect the top of the 1 to the bust. Latest has the crack from bust to star 1 extending faintly to the dentils at star 2 and across bust to tip of curl over 8. The fields are rough and heavily flowlined and the date and details are blurry in latest state.

REVERSE: **Lump on left end of base of E in CENT.** Earliest has a dull line down to right from right top of E in ONE, plus some lighter vertical lines inside the bottom of that E. Short spur to right from lower serif of E in CENT. The lines and spur fade and disappear as the fields become flowlined and a couple strong flowlines grow from leaf through left end of base of R in AMERICA (Newcomb's #13). The flowlines through R become very strong as the die wears and the legend outside the wreath becomes weak and blurry. The lump on the left end of the base of E in CENT remains clear.

RARITY 1 (More than fifty seen in mint state; ten of those show a significant amount of mint red, many more have generous traces of mint red remaining visible. Most of the mint state examples are in die state **b** or **c**.)

DIE STATES:

- a.** Repunching visible on 18.
- b.** Repunching on 18 gone. Dull crack from bust tip to star 1 (occurs shortly **after** the repunching is gone. (Newcomb's #13))
- c.** Crack extends weakly from star 1 to dentils at star 2. (Newcomb's 13)



1852

N-14



OBVERSE: (DRN 7 9 5 9 3 5) Entire date repunched (low on 18 & high on 52) showing clearest as horizontal line under peak of 1 and a strong outline close over the top of the 2. Earliest has fine, short lines down to right from dentils at stars 1-2. Points up slightly to right of vertical from inner curl. Short lines down to right from tip of inner curl to lowest curl. Lines up to left from neck to jaw at throat. Tiny lines up from top of bust. The lines and points fade and disappear as the fields become flowlined. The repunching on the date fades and disappears, but some remains visible at the top of the 2 until the latest state when it is finally lapped away. In the latest state, the digits are weak and thin from excessive lapping.

REVERSE: Heavy lines down to left from dentils to NI in UNITED. Fine line down from dentils just right of C in AMERICA. The line at C disappears early. The strong lines at NI fade and disappear while repunching is still visible at the top of the 2. The legend outside the wreath is very weak in latest state.

RARITY 1 (Twenty seen in mint state; five of those show a significant amount of mint red, seven more have generous traces of mint red remaining visible. No mint state examples seen of die state e; most are in states a or b.)

DIE STATES:

- a. Short lines from dentils at stars 1-2. Repunching visible at bottom of 8. (Scarce)
- b. Lines from dentils and repunching on 8 gone (the repunching goes first). Lines at NI visible.
- c. Lines at NI gone. Repunching on 1 & 5 and lines at throat weak but visible. Repunching at top of 2 clear.
- d. Repunching on 1 & 5 gone (repunching on 5 gone first). Lines at throat gone. Repunching at top of 2 visible.
- e. Repunching at top of 2 gone. (A small notch remains at the right top of the 2) (Scarce)



1852

N-15



OBVERSE: (DRN 5 6 5 8 8 8) (Same as N-24, later) **Short parallel lines up in space right of Y. Lump on right side of upright of T close to top.** Line up to right from top of inner curl to main curl. Crescent-shaped lump high on neck near throat. The lump on T remains clear but the lines in the space right of Y fade and are faint late. The line from the inner curl fades and disappears. The fields become rough and flowlined, especially on lower half, and the date becomes blurry. Several thin rim cud breaks occur early, but these seldom show due to wear or die alignment, and some appear to disappear during the marriage. These rim cuds occur from star 13 clockwise to star 1, from star 4 to star 6, and from star 9 to star 12. A sequence for these very thin rim cuds is uncertain, but one from star 9 to star 10 may be first. And their presence or absence should not be used to determine the die state. Curiously some of the cuds “migrate”.

REVERSE: **Lines and points at N in ONE. Lump on bottom of left base of N in CENT.** Other points to right from E in ONE and N & T in CENT. Fine line down to left from dentils over right side of second A in AMERICA. Earliest has fine polishing lines down to right covering the fields, but these disappear quickly. The lines and points fade and disappear, the points at NE in ONE the last to go. Shallow, narrow rim cuds occur rather early at U, off the end of the wreath ribbon, and later over the N in UNITED (while the lines and points at N in ONE are visible), but these thin cuds disappear and do not show in later states. Curiously the cuds at U and the ribbon are identical to the ones over stars 5 & 6. The legend outside the wreath is weak and flowlined in latest state. The lump on the base of N in CENT remains clear. One extremely late example appears to have a crack from the dentils over O through F to dentils near A and the area over this crack sunken well below the field.

RARITY 3 (One and a half dozen seen in mint state; six of those show a significant amount of mint red, four others have traces of mint red remaining visible. More than a dozen more seen in About Uncirculated grades.)

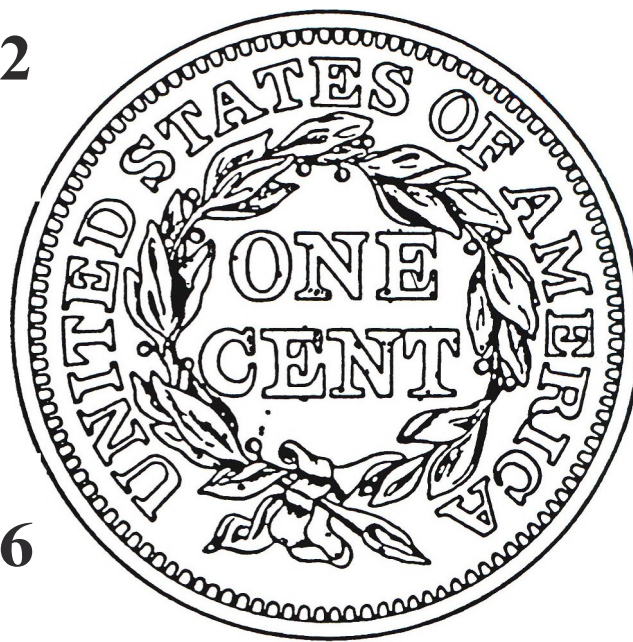
DIE STATES:

- a. Lines down to left of horizontal at base of N in ONE. (Various narrow rim cuds may show in this die state.) (Very Scarce) **PHOTOS**
- b. Lines at base of N in ONE gone. Strongest points at N & E in ONE still visible. (Scarce)
- c. All points gone. (Some have the reverse rotated 20 degrees CCW.)
- d. Crack through top of F with area above crack sunken. (Unique, needs confirmation)



1852

N-16



OBVERSE: (DRN 6 7 4 7 7 6) **Dull line connects foot of R to left top of T.** The earliest state has some fine lines up to left from the dentils at 852 and star 13, but these disappear very early. The fields quickly become flowlined and rough, and the date and details are weak and blurry with the stars drawn to the rim in latest state. The line from R to T fades and is barely visible late. Some late examples have the obverse misaligned slightly to K-10.5.

REVERSE: **Strong lump on base of T in CENT near its left end.** Many other lumps scattered about ONE CENT and wreath. Short points up to left from top of E in ONE and T in CENT. Line down to right inside bottom of E in ONE. The points and line fade and disappear as the fields become rough and flowlined. In latest state the legend outside the wreath is weak and blurry. The lumps remain clear, the strongest ones on the bottoms of the E & T in CENT clearest on worn examples.

RARITY 1 (Two dozen seen in mint state; five of those show a significant amount of mint red, another six have generous traces of mint red remaining visible. Many seen in About Uncirculated grades. Most of the mint state examples seen are in die state **b**.)

DIE STATES:

- a.** Line down to right inside bottom of E in ONE.
- b.** Line inside bottom of E in ONE gone.



1852

N-17



OBVERSE: (DRN 6 7 5 7 8 6) **Horizontal line under left half of base of 1 (from repunching).**

This line fades and disappears as the fields become rough and flowlined, strongest on lower half. A strong flowline grows from the left end of the base of the 1 to the left edge of a dentil. The outer points of stars 1-3 flow to the dentils. Early examples often seen with low spots on the neck or curls over the date. This die doesn't offer any decent attribution markers in the late state.

REVERSE: Early examples have fine horizontal points and lines at C & E in CENT and a short point down from bottom of O in ONE. These lines and points fade and disappear rather early, the point to left from the left side of C the last to go. Develops a strong elongated lump down to left on crossbar of E in ONE close to upright very early while the repunching below 1 is still visible. The fields become rough and flowlined, but the lump on E remains visible on sharp examples.

RARITY 1 (Two dozen seen in mint state; one dozen of those show a significant amount of mint red; eight more have generous traces of mint red remaining visible. Many seen in About Uncirculated grades. Most of the top examples are in die state c; only two mint state examples seen in die state a.)

DIE STATES:

- a. Sharp line under base of 1. Without lump on crossbar of E in ONE. Points at O & CE visible. (Rare)
- b. Dull line under base of 1. Diagonal lump on E in ONE.
- c. Line below base of 1 gone. (Seen with the obverse misaligned to K-11.)



1852

N-18



OBVERSE: (DRN 7 8 3 7 6 9) **Lump in center of bust over left side of 8.** (The lump is actually two rectangular lumps, one close above the other, and both are from the top of a stray 1. This distinction can only be seen on sharp, early examples.) Line up slightly to left of vertical from inside tip of inner curl to main curl. Strong, dull line up to left close at throat. Earliest also shows delicate repunching under the peak of the 1 and on the left side of the 8 at the junction of the loops, a horizontal dash at the dentil tips below the upright of the 1, and another at the dentil tips under the left center of the 8. These dashes at the dentils and repunching on the 1 & 8 disappear quickly as the fields become flowlined. The line at the throat also disappears and the one up from the inner curl fades as it becomes obscured by flowlines and roughness in latest state. The date is weak and blurry in latest state and the lump on the bust is dull and partially hidden in the roughness.

REVERSE: **Diagonal tool marks on ribbon just below stem with lighter tool marks on the leaves under UNI.** Small, dull point up from top of O in ONE. Lump on top of C in CENT. Small lump on body of upright of second T in STATES. The point from O fades and disappears and the lumps become obscured a bit by flowlines and roughness. Latest has the legend outside the wreath weak and fine flowlines up from the top of E in ONE to leaf. The tool marks on the ribbon under the stem remain clear.

RARITY 3 (One dozen seen in mint state; two of those shows a significant amount of mint red, eight others have generous traces of mint red remaining visible. More than a dozen seen in About Uncirculated grades.)

DIE STATES:

- a. Horizontal dash at dentil tips below 1. (Scarce)
- b. Dash at dentils below 1 gone.



1852

N-20



OBVERSE: (DRN 7 8 4 8 7 7) **Lines up to left from dentils at 2 to right of star 13. Two tiny lumps under R, the right lump stronger.** Two short dashes or elongated lumps close under right corner of the eye. Sharp examples also may show a diagonal line of tiny lumps from the earlobe down to the throat. The lines from the dentils fade and become dull, but they remain visible. The other defects remain clear as the fields become lightly flowlined. A strong rim cud break occurs at star 11 followed by another at star 8.

REVERSE: (Same as N-23, earlier) **Lump on body of left side of C in CENT** (visible only on sharp examples). Earliest examples have fine die lines from the dentils to the top of E in STATES and ERIC in AMERICA, but these fade quickly. Small lump on bottom of O in ONE; another on top of E in ONE over right edge of upright. The lumps remain visible as the legend becomes weak and blurry from die wear and flowlines.

RARITY 3+ (Two seen in mint state, and both have traces of mint red remaining visible. Ten more seen in About Uncirculated grades, another half dozen in Extremely Fine grades.)

DIE STATES:

- a. No obverse rim cud breaks. (Seen with the reverse rotated 25 degrees CCW.)
- b. Rim cud break at star 11. (Extremely Rare) *PHOTO*
- c. Additional rim cud break at star 8. (Very Rare) *PHOTO*



1852

N-21



OBVERSE: (DRN 7 8 5 8 7 8) (Same as N-23, earlier) **Disjointed lines down to right at BERT, strongest at RT.** Short lines at same angle under right corner of eye. Earliest has fine lines up to left from dentils at star 13, but these disappear rather quickly as the fields become rough and flowlined. A fine crack forms from the coronet tip through star 5 to the dentils over star 4. The lines at BERT remain clear.

REVERSE: **Points up to left from inside right side of O in ONE, another down from left top of E in CENT, and one up from the top of that T.** Other points at various angles from ON and CEN in earliest state. The fields become rough and flowlined as the weaker points fade and disappear, but the strongest ones up to left from inside the O in ONE, down from the left top of E in CENT, and up from the top of that T remain visible, even in latest state. The dies clash (after the obverse crack) leaving a dull spur up to left from the left top of N in CENT (an impression of the inner ear).

RARITY 3+ (Seven seen in mint state; one of those has a significant amount of mint red, four others have traces of mint red remaining visible. Ten more seen in About Uncirculated grades; more than a dozen in Extremely Fine grades. Most of the top two dozen are in state **b**.)

DIE STATES:

- a. Obverse uncracked. (Scarce)
- b. Fine crack from coronet tip through star 5 to dentils over star 4. Reverse not clashed.
- c. Clashmark at left top of N in CENT. (Some have a low spot over the head.)



1852

N-22
N-9



OBVERSE: (DRN 6 7 6 8 8 7) **Lines down slightly to right from main and inner curls.** Stronger lines up to right from top of inner curl to main curl. Fine lines up to left from neck at throat. Points down to right from lowest curl over star 13. Small lump under right foot of R. Tiny, fine diagonal line in space right of Y. The lines fade and disappear as the fields become flowlined, the ones from the main curl blending with the flowlines until they finally disappear (Newcomb's #9). A small lump forms on the top edge of the hair under the left edge of the foot of Y. This lump develops while the lines from the main curl are still clear, and **it serves as a good attribution point in the later states after those lines are gone.** Another smaller lump forms on the forehead at about the same time, but it fades as the surfaces become rough. A disjointed crack forms from the coronet through star 5 to the dentils at left. This crack continues along the top of the coronet and top of the head weakly to star 8. Another crack forms from the earlier crack over L down through the coronet and forelock curving into the field right of star 3. Another very dull crack sometimes shows from the tip of the bust to star 1, but this is obscured by strong flowlines. Lump under left end of base of Y remains clear.

REVERSE: Earliest has smooth fields and some fine polishing lines up from right top of E in ONE to leaf above, but these disappear quickly as the fields become flowlined. Develops cracks through wreath and parts of legend as shown, but these are never strong and are often obscured by flowlines and roughness. The legend outside the wreath is weak and blurry in latest state.

RARITY 1 (More than 50 seen in mint state; at least two dozen of those show a significant amount of mint red, many others have significant traces of mint red remaining visible. Most of the mint state examples are in die state **c**; only four seen in state **a**.)

DIE STATES:

- a.** Clear lines from main and inner curls. Without obverse cracks or lump below left base of the Y.
- b.** Lump below left base of Y. Lines at main and inner curls faint. Obverse cracks weak.
- c.** Lines from main curl gone. Obverse cracks visible but dull. Reverse not cracked.
(Newcomb's #9)
- d.** Lines up to right from inner curl to main curl gone. Bottom of date weak. Reverse cracked.
(Newcomb's #9)



OBVERSE: (DRN 7 8 5 8 7 8) (Same as N-21, later) **Disjointed lines down to right at BERT, strongest at RT. Always cracked from coronet through star 5 to dentils over star 4.** Fields are rough and flowlined and the details are a bit mushy.

REVERSE: (Same as N-20, later) Dull lump on left side of C in CENT, but this will not show on worn examples. Small lump on bottom of O in ONE and top of that E directly over right edge of upright. The legend is weak and blurry, especially outside the wreath. (This die is best identified by default, i.e., the correct obverse without the reverse points of N-21.) A large rim cud break forms under the stem and ribbon, and the latest has an additional rim cud break at AM. A few are known with only a crack on the rim outlining where the terminal cud at AM will occur, clearest on the right edge of the emerging cud. A lump occurs on the rim over C in AMERICA before the rim cud break forms at AM, but this shows only on higher grade examples.

RARITY 5 (A half dozen seen in mint state; one of those has a significant amount of mint red, four others have generous traces of mint red remaining visible. Two of the mint state examples are in die state **a**, three in **b**, and one in **d**. Four more seen in About Uncirculated grades, more than a half dozen in Extremely Fine grades.)

DIE STATES:

- a.** Without rim cuds on reverse.
- b.** Rim cud break from stem tip to under ribbon. (Rare) **PHOTO**
- c.** Crack on rim outlines where an additional rim cud will form over AM. (Extremely Rare)
- d.** Additional rim cud break over AM. (Very Rare) **PHOTO**



1852

(N-24)
PROOF ONLY



OBVERSE: (DRN 5 6 5 8 8 8) (Same as N-15, earlier) **Proof only in this marriage.** Small crescent-shaped lump high on neck near throat. Short parallel lines up in space right of Y. Lump on right side of T close under top. Line up to right from top of inner curl to main curl. The fields are highly reflective with deep mirrors.

REVERSE:

Irregular lump shaped like a crude boomerang on body of left side of C in CENT.

Fine, short lines down to left from dentils over **MERI**, strongest over right side of M; a few other lines down to right from dentils over right side of M. The fields are highly reflective with deep mirrors.

RARITY 8-

DIE STATES: All as above and one of the highest-quality proofs in the entire series.

Note: Only three examples are known and no others are claimed; this is the rarest proof-only variety in the 1840-57 series (46N24 Tall Date is next with five known).

1853

Newcomb No.	Date Reference No.
20	1 1 5 4 1 5
26	2 2 3 5 5 6
1	3 2 4 5 6 6
2	3 3 3 4 5 6
31	3 3 4 2 5 5
3	3 3 4 2 6 5
6	3 3 4 3 4 6
5	3 3 5 5 7 6
4	4 3+ 3 2 3 7
7	4 4 2 1 2 6
30	4 4 3 2 2 5
8	4 4 5 2 2 5
28	4 4 5 3 3 4
10	4 5 1 1 1 6
13	4 5 1 2 8 6
9	4 5 2 1 2 6
32	4 5 3 2 1 5
29	5 5 2 2 8 6
25	5 5 3 7 8 6

1853

Newcomb No.	Date Reference No.
27	5 6 3 8 6 5
21	5 6 4 8 4 5
11	5 6 5 8 1 4
12	6 6 2 8 5 6
22	6 6 2 8 5 8
14	6 6 3 7 1 5
16	6 6 5 8 8 4
33	6 6 6 9 8 4
23	6 7 2 7 3 6
15	6 7 3 7 7 6
24	7 6 4 8 5 5
18	7 7 3 7 4 4
17	7 7 3 7 4 5
19	7 8 4 7 7 5

1853



N-1



OBVERSE: (DRN 3 2 4 5 6 6) **Lines up to right from inner curl to main curl, one line at a slightly different angle from the others.** Points up to right from lowest curl just right of inner curl. The points fade and disappear. The lines from the inner curl remain visible longer but eventually disappear as that area becomes rough. The fields become increasingly rough and flowlined, the roughness severe in latest state with the field rising around stars 7-13 and the date.

REVERSE: **Many nearly vertical lines at slightly different angles at E in ONE to leaves above and at right, some reaching down to top of T below.** Fine lines from dentils down to right through UNITE in earliest state. Sharp examples show a lump on the body of the right upright of N in UNITED and a smaller one on the lower portion of the adjacent I. The lines at UNITE fade and disappear quickly. The die becomes flowlined and mushy, and the flowlines are very heavy in latest state. The vertical lines at E fade but some remain visible right of E in latest state.

RARITY 3 (More than a dozen seen in mint state; seven of those show a significant amount of mint red, four others have generous traces of mint red remaining visible. Six seen in About Uncirculated grades. No mint state examples seen in die state c.)

DIE STATES:

- a. Lines at UNITE. (Scarce)
- b. Lines at UNITE gone. Lines at inner curl visible.
- c. Obverse fields very rough, especially at stars 7-10. Lines at inner curl gone. (Scarce)



1853

N-2



OBVERSE: (DRN 3 3 3 4 5 6) Line up to left from neck to jaw at throat. Strong point up to left from top of chin under lip; another smaller one up to left from upper lip. A rough elongated lump forms on the bust tip early (perhaps present in earliest state). A lapping early in the marriage left polishing lines down to right of vertical in the fields, strongest around the hair buns and stars 8-11. The lines and points fade and disappear and the fields become flowlined. The fields become wavy, especially near the stars. A strong rim cud forms at star 3 and another forms at star 2 in the latest state.

REVERSE: Tiny lump on top of E in CENT over left edge of upright. A lapping early in the marriage (same time as the obverse lapping) left polishing lines down to right of vertical in the fields, strongest at RIC and berry below IT in UNITED. These polishing lines disappear quickly. The fields become rough and flowlined, but the tiny lump on the top of E remains visible, although barely.

RARITY 3 (Ten seen in mint state; one of those show a significant amount of mint red, eight others have traces of mint red remaining visible. Ten more seen in About Uncirculated grades. Most of the mint state examples are in die state **b**.)

DIE STATES:

- a.** Line at throat visible.
- b.** Line at throat gone. (Some have ERTY finely doubled to the right.)
- c.** Rim cud break at star 3. (Unique) **PHOTO**
- d.** Additional rim cud break at star 2. (Extremely Rare) **PHOTO**



1853

N-3



OBVERSE: (DRN 3 3 4 2 6 5) **Lump in field under right side of ball of 5. Curved line or clashmark in space right of Y.** Lump over left top of T, a smaller one right of top of L. Lines from bust to throat close in front of neck. Lines down to right from main curl; others up to right from inner curl to main curl. Earliest has 185 repunched, showing clearest as a horizontal line close over the base of the 1, but the repunching disappears quickly. May come unclashed, but earliest seen has a long, dull clashmark down from bottom of inner hair bun (from the leaf at right top of T in CENT). Short lines down to right from earlobe. The earliest has smooth fields with the usual hub defects at the dentils, but these fade quickly as the fields become rough and flowlined. The lines, lump under the 5, and most of the other defects are lapped away. In the latest state, the only defects remaining are the curved line in the space right of Y (and it is now weak), and the small lumps at the L & T.

REVERSE: May come unclashed, but earliest seen has clear clashmarks at left top of N in CENT and at right top of that T curving up to right side of E in ONE. Earliest also has smooth fields covered with fine polishing lines down to right and a fine line from the right base of N in UNITED to the leaf tip below the adjacent I. These lines disappear quickly as the fields become rough and flowlined and the legend outside the wreath becomes blurry. The clashmarks fade but a clear remnant always shows at the right top of T in CENT.

RARITY 1 (More than 40 seen in mint state; 13 of those show a significant amount of mint red, many others have generous traces of mint red remaining visible. Most of the mint state examples are in die state **b**.)

DIE STATES:

- a.** Horizontal line over base of 1 from repunching. (Seen with obverse misaligned to K-10.5.)
- b.** Line over base of 1 gone. Lump in field under 5 blurry but visible.
- c.** Lump below 5 gone. Clashmark down from inner hair bun gone. (Scarce)



1853

N-4



OBVERSE: (DRN 4 3+ 3 2 3 7) **Sharp repunching clearly visible over top of 3.** Short line down slightly to left of vertical from earlobe. Fine lines down to right at inner curl. Sharp examples also show the right curve of a stray 3 or 5 punched into the curls over the 5. The lines at the inner curl fade and disappear as the fields become slightly rough from flowlines. The repunching over the 3 and line from the earlobe remain clear. Latest has a rim cud break under star 12. This cud is preceded by a crack on the rim outlining where the cud is forming, but the crack wears away quickly and examples that show this crack are extremely rare.

REVERSE: **Lump on base of E in CENT under upright.** Short lines down to right from dentils over the N in UNITED. Point down from right side of base of T in CENT. The lines from the dentils over N and point down from T fade and disappear, but the lump on the base of E in CENT remains visible. Sharp examples sometimes show a lump on the body of O in ONE at the right bottom and a tiny lump on the left base of N in CENT. A crack from the top of M to the dentils over E occurs prior to the formation of the rim cud on the obverse.

RARITY 3+ (Five seen in mint state; three of those have a significant amount of mint red. Six more seen in About Uncirculated grades, ten in Extremely Fine grades. One mint state example seen in die state **d** and one in state **e**.)

DIE STATES:

- a. Lines from dentils over N in UNITED.
- b. Lines from dentils over N gone.
- c. Crack from M to dentils over E. (Very Scarce)
- d. Crack on rim outlines future rim cud under star 12. (Extremely Rare)
- e. Rim cud break under star 12. (Rare) *PHOTO*



1853

N-5



OBVERSE: (DRN 3 3 5 5 7 6) **Fine lines down to right from base of E to hair, the line on the left strongest.** Lines at slightly different angles down to right from inner curl and main curl close above. Earliest shows fine repunching at the bases of the 5 & 3, strongest on the 3, a few sharp lines down to left from the dentils at star 7, a line at the dentil tips at star 4, and fine lines up from the dentils under star 2. The lines at the dentils and repunching on the 5 & 3 disappear quickly. The lines from the inner curl fade and disappear later following at least two lappings, the first weakening the lines, the next finishing the job. The first of these lappings leaves polishing lines down slightly to right of vertical in the fields. The fine lines down from the E fade but the line farthest to the left remains visible in the latest state.

REVERSE: **Lump on body of leaf under right side of E in STATES.** Other smaller lumps near the large one visible on sharp examples. Earliest has a few tiny points down from the base of E in ONE under the left side of the upright. A lapping during the marriage removed the points down from E in ONE and left fine polishing lines down slightly to right of vertical in the fields, strongest from the top of R in AMERICA. Some later examples have a thin rim cud break at TE in UNITED, but this seldom shows, even on later examples. Latest has a die crack from the dentils over A to the top of M.

RARITY 2- (Fifteen seen in mint state; six of those show a significant amount of mint red, four others have generous traces of mint red remaining visible. Most of the mint state examples are in die states **b** & **c**. Only one mint state example seen in die state **a**.)

DIE STATES:

- a.** Fine repunching under 5 & 3. (Scarce)
- b.** Repunching at 53 gone. Lines at inner curl dull but visible.
- c.** Lines at inner curl gone.
- d.** Die crack from dentils to M. (Scarce)



1853

N-6



OBVERSE: (DRN 3 3 4 3 4 6) Tiny points down to right from inner curl and earlobe. Many fine, short lines close together down to right between T & Y. A few dull lines or long points down to right from dentils at star 2 and others down slightly to right of vertical from dentils at star 4. (See N-28) The fields become rough and flowlined and most of the lines and points fade and eventually disappear, the ones at star 4 visible longest. A faint remnant of the upper point from the earlobe remains visible in latest state, although it is dull. Sometimes seen with the obverse misaligned to K-8.5.

REVERSE: Always cracked through tops of UNITED STATE to dentils over S, clearest at ATE. Points and short lines up to left from left side of C in CENT; points down to right on same angle from leaf above. Earliest has additional lines up to left at NIT and fine lines down to left at T in CENT, plus a point down to right from bottom right serif of E in ONE. These lines and points of the earliest state disappear quickly, but the stronger ones at C in CENT remain visible, although they are faint in latest state. The field begins to rise around NITED very early, and this becomes severe as the die wears. The crack through UNITED STATE remains clear and is an easy diagnostic for the variety.

RARITY 1 (More than two dozen seen in mint state; ten of those have a significant amount of mint red showing, many more have generous traces of mint red remaining visible. Most of the mint state examples are in die state **b**.)

DIE STATES:

- a.** Lines from dentils at star 2. (Scarce) (Some have the obverse misaligned to K-2, others to K-9.)
- b.** Lines from dentils at star 2 gone.



1853

N-7



OBVERSE: (DRN 4 4 2 1 2 6) **Heavy line curves up to left from left top of dentil under right side of 8.** Fine lines down to right from inner curl and main curl above inner curl. Spur down to right from lowest point of star 3. Earliest has fine polishing lines in the fields down to right at same angle as the lines at the inner curl, but these disappear quickly as the fields become flowlined. The lines at the inner and main curls fade and disappear rather early. The line from the dentils under 8 fades and becomes dull and is barely visible in latest state. The spur on star 3 becomes dull but remains visible. Significant low spots are sometimes present weakening the hair buns and covering large portions of the fields.

REVERSE: Small point to right from right side of N in CENT. Earliest has fine polishing lines up to right covering fields, strongest at ED-ST. The polishing lines disappear quickly; the point from N disappears later. The fields quickly develop flowlines and roughness, strongest at UNITED STA.

RARITY 2 (One dozen seen in mint state, and ten of those have a significant amount of mint red visible. Most of the mint state examples are in die state **b**; only one seen in state **a**. Another dozen seen in About Uncirculated grades.)

DIE STATES:

a. Fine lines up to right at ED-ST. Lines down to right from inner curl. (Rare) (Some seen with the obverse misaligned to K-4.5.)

b. The lines at the inner and main curls and ED-ST are gone. The lines at ED-ST disappear first.



1853

N-8



OBVERSE: (DRN 4 4 5 2 2 5) **Fine horizontal line between T & Y.** Inside top loop of 3 is repunched, but the offset is very small. Earliest has dull lines up to left of vertical close to dentils at stars 2-3; others down slightly to right at dentils just above star 10. Short point up to left from neck at throat. Earliest also has fine vertical polishing lines covering the fields, strongest at the lips and inner curl. Sharp examples show what appears to be the top of a stray 1 punched into the rim under the bust tip. The polishing lines, lines at the dentils, and point from the neck disappear quickly. The line at TY fades and becomes dull, but it remains visible as the fields become flowlined and wavy. A flowline forms from the left end of the base of 1 to the right center of a dentil. The lump on the rim under the bust tip becomes dull but remains visible on sharp examples. (Note: The obverse is from a doubled die, but the offset is small so the doubling is difficult to see. It is clearest at ERTY, the ear, and the hair at the main and inner curls—but only on high-grade examples.)

REVERSE: Tiny point up from top of E in ONE over right edge of upright. Earliest has fine polishing lines down to right covering the fields, the strongest single line a dull one through the tops of AM. Dull line up to right from right top of D to dentils. Fine lines down to left from dentils to tops of ERIC, strongest to E & R. The lines disappear quickly; the point from E in ONE disappears soon after. Sharp examples show a small lump on body of C in CENT at top of serif. The fields become rough and flowlined, strongest outside the wreath.

RARITY 3 (Ten seen in mint state; three of those have a significant amount of mint red remaining visible, five others have traces of mint red showing. Most of the mint state examples are in die state **b**. Ten more seen in About Uncirculated grades.)

DIE STATES:

- a.** Lines from dentils at stars 2-3 and over star 10. (Rare)
- b.** Lines at dentils gone.



1853

N-9



OBVERSE: (DRN 4 5 2 1 2 6) **Dull slightly curved line up to right from hair right of ear into space right of Y.** A similar strong line up from top of ear to edge of hair under right foot of R. Fine curved line at right top of Y. Dull point to left from nose. Repunching shows inside the upper part of the loop of the 5, but the offset is very small. The left half of the base of the 1 is also repunched on its lower edge, the offset small. Sharp examples in the earliest state also show very delicate repunching on the base of the other two digits. Earliest has reflective fields filled with polishing lines down to right, strongest at the inner curl, plus a few fine vertical lines down from the throat and a point up to right from the lowest curl. The polishing lines disappear very quickly, the ones from the inner and main curl the last to go. The point from the lowest curl also disappears quickly. The point to left from the nose lasts longer, but it is gone in latest state. The repunching on the 1 & 5 also fades as the fields become rough and wavy, but traces of repunching remain visible on the lower left edge of the base of the 1. The dull lines at the ear remain clear, the one extending into the space right of Y clearest.

REVERSE: Earliest has reflective fields covered with polishing lines down to right and some fine lines at different angle from dentils to tops of ERIC, strongest at E & C. Another lapping removes these lines and leaves fine nearly vertical polishing lines in the fields, strongest at C & in CENT. These new lines fade and disappear quickly as the fields become rough and flowlined, the roughness strongest at ITED STATES OF AM. Latest has wavy fields.

RARITY 2- (Eighteen seen in mint state; four of those have a significant amount of mint red showing, five others have traces of mint red still visible. Most of the mint state examples seen are in die state b.)

DIE STATES:

- a. Fine lines down to right at inner and main curls. (Rare)
- b. Lines at inner and main curls gone. Repunching at 5 & 3 visible.
- c. Repunching under 5 & 3 gone. Repunching under left half of base of 1 still visible. Fields are wavy.



1853

N-10



OBVERSE: (DRN 4 5 1 1 1 6) **Horizontal dash from a repunched 1 at dentil tip under base of 1. Short vertical line from hair under E** (see N-16). Delicate repunching inside top of 8. Lines down to right under eye, on jawline, and at earlobe. Small lump left of earlobe. Fine lines up to right at TY; others at different angle in space right of Y. Two small points down to right from jaw at throat; others down to right from main curl over inner curl. The fields quickly become rough and the points at the throat and main curl disappear early. The repunching on 8 and dash at the dentils under the 1 disappear later. The other lines fade and become obscured by roughness, but they can still be made out on sharp examples. In latest state the strong, short line up under E is the strongest attribution marker remaining.

REVERSE: Earliest has fine lines at various angles at MER, some in the letters and others at the dentils. These disappear quickly as the surfaces become rough and flowlined. In the latest state the legend outside the wreath is weak and blurry.

RARITY 1 (More than 50 seen in mint state, and many of those are choice with ample amounts of mint red visible. Most are in die state **b**; only two mint state examples seen in state **a** and two more in state **c**. One of the varieties of 1853 that is easy to find in mint state along with N-13 and N-25.)

DIE STATES:

- a.** Fine lines at MER. Fields smooth. (Rare)
- b.** Lines at MER gone. Dash at dentils under 1 and repunching inside top of 8 visible. The fields become rough. (Note : A relatively large hoard of mint state examples comes in this die state.)
- c.** Dash at dentils under 1 and repunching inside top of 8 gone. (Very Scarce)



1853

N-11



OBVERSE: (DRN 5 6 5 8 1 4) **Small, round lump at bottom of line under right corner of eye.** (The line is part of the master hub and shows on all varieties ; the lump, however, is unique to this variety.) Smaller lump on temple under B. Fine line up slightly to right from inside tip of inner curl. Lapping early in the marriage adds a fine line down to right through star 6, but this line fades and disappears. The line at the inner curl also fades and disappears as the fields become slightly rough, strongest around date. Some later states have stars 1-3 clogged and weak, and a few very late examples have stars 8-11 nearly gone due to die clogging.

REVERSE: **Long point down from right center of N in CENT.** Other vertical lines and points at N and under left pendant of T in CENT. The lines and points fade and most disappear, but a short remnant of the strong point down from the right center of the left base of N in CENT remains visible. The fields are rough in latest state.

RARITY 2- (Fifteen seen in mint state; four of those have a significant amount of mint red remaining, seven others have traces of mint red still visible. Most of the mint state examples are in die state **b**. Many seen in About Uncirculated grades.)

DIE STATES:

- a.** Obverse fields smooth. Fine line at tip of inner curl. Often with fine line down to right through star 6. (Scarce)
- b.** Obverse fields rough and increasingly wavy. Lines through star 6 and at inner curl gone.



1853

N-12



OBVERSE: (DRN 6 6 2 8 5 6) **A collection of lumps around earlobe.** A couple tiny lumps right of nostril and on bust over right side of 8. Several fine lines up to right at right base of Y, strongest of these on diagram. Earliest has a small horizontal line under base of 1 just right of center of upright, but this fades quickly. A lump develops very early on the left side of the upright of T. The lines from the base of Y fade and disappear as the fields become rough and wavy. The lumps around the earlobe remain clear.

REVERSE: **Short points up from top and inside bottom of C in CENT. Line connects tops of C & E.** Vertical line inside the right top of N in ONE and inside the E in CENT. The fields become rough and the vertical lines at N & E fade and disappear, the portion inside the top of E the last to go. A rather strong line is added during the marriage down from the base of O in OF to the leaf below, and it remains visible until the latest state when it disappears. The points at C and line connecting C & E fade but remain visible. STAT is weak in the latest state.

RARITY 1+ (One and a half dozen seen in mint state; three of those show a significant amount of mint red, ten more have traces of mint red still visible. Most of the mint state examples are in state **b**; two seen in state **a**. Many seen in About Uncirculated grades.)

DIE STATES:

- a.** Without lump on left side of upright of T in LIBERTY. (Rare)
- b.** Lump on left side of T in LIBERTY. Vertical line still visible inside N in ONE.
- c.** Vertical line inside N in ONE is gone. Usually has a line from O in OF to leaf below.



1853

N-13



OBVERSE: (DRN 4 5 1 2 8 6) **Bottom edge of base of 1 is doubled, but the offset is small. Lump under I. Fine lines to right in space right of Y.** Fine lines at same angle from earlobe and main curl over inner curl. Fine lines up to right at IB. Earliest has fine polishing lines down to right covering fields, strongest at throat and neck as shown, but these disappear quickly. The lines at the earlobe and main curl fade and disappear, but the lump under I and lines in the space right of Y remain visible. The doubling on the bottom edge of the base of the 1 remains visible, but it may not show on worn examples. Some early examples have the neck and face blunted by significant low spots. Others have the hair bun blunted by low spots. Some late examples have the obverse misaligned to K-2.

REVERSE: **Lump inside right top of C in CENT.** Sharp points to left from upright of E in CENT. Point to left from leaf right of top of T in CENT. Line down from tip of leaf right of T in CENT to berry below. Earliest has fine lines down to left under top of T in CENT. The lines and points fade and disappear, the point from the leaf right of T in CENT the last to go, but the lump on the C in CENT remains clear. Some later examples have a small clashmark up to left from the left top of N in CENT, but this is gone in latest state. The fields become rough and flowlined and the legend outside the wreath becomes weak, especially at TED STATES where the field begins to rise around those letters. Some have strike doubling (machine doubling) on the legend, clearest inside the bottom of E in ONE.

RARITY 1 (More than 50 seen in mint state, and many of those are choice and show a significant amount of mint red. Most of the mint state examples are in die state **b** thanks to a well-dispersed hoard. No mint state examples seen in state **a**.)

DIE STATES:

a. Points to left from E in CENT. (Very Rare)

b. Points from left side of E in CENT gone. (The usual state.) (One seen with severe low spots blunting most of the obverse.)



1853

N-14



OBVERSE: (DRN 6 6 3 7 1 5) **Short horizontal line under upright of 1 (from repunching).** **Fine vertical lines on both sides of eye.** Fine lines down to left in space right of Y. Short, rather strong line up from hair under R. Strong line up to left joins neck to jaw at throat. Right top of the 5 is heavily imbedded into curl above. Earliest state has repunching inside top of the 8 and short lines down to right from the inner curl, but these disappear quickly. The line at the throat fades and disappears; the line under the base of the 1 is faint late. The other lines fade but remain visible. A small rim cud break forms very early at star 12. Rim cud breaks continue to develop and become stronger from star 11 down to below star 12, with additional thin rim cud breaks at stars 10 and 1. Unfortunately, **slight shifts in die alignment often make parts of these cud breaks invisible and make the die state difficult (or impossible) to determine.**

REVERSE: Line up to left from berry left of C in CENT to leaf. Two fine lines down to left inside top of N in CENT. A lump on body of ribbon just below stem; a smaller one on right edge of O in ONE. Line down to right in dentils (seen between the dentils) over F-A. Sharp line down to right inside bottom of D in UNITED. Very fine die cracks through the tops of TED and AME occur very early, but these are barely visible and never become strong. The line from the berry left of C, one in the dentils at F-A, and ones inside the N in CENT fade and disappear. The line inside D disappears later. A small lump forms rather early in the field under left side of O in ONE. The field becomes rough outside the wreath, strongest at UNITED STA. The lump on the body of the ribbon under the stem remains clear.

RARITY 2+ (Twenty seen in mint state; three of those have a significant amount of mint red showing, ten others have traces of mint red still visible. No mint state examples seen in state a.)

DIE STATES:

- Line under base of 1 sharp. No obverse rim cud breaks. (Rare)
- Small rim cud break at star 12.
- Thin rim cud break star 11.5 to star 12.5. Thin cud sometimes shows at star 1. **PHOTO**
- Cud extends up to star 11. Line inside bottom of D faint or gone. **PHOTO**
- Additional small rim cud at star 10, sometimes with a very narrow extension down to earlier cud at star 11. **PHOTO**



1853

N-15



OBVERSE: (DRN 6 7 3 7 7 6) **Heavy, curved line (top of a misplaced 5) at left top of 5 connecting it to the curl above.** Short lines down to left at various angles from throat and neck. Short lines down to right at different angles from main and inner curls; one up to right from top of inner curl into field close under main curl. Heavy concentration of short lines up to left at various angles from dentils at star 13. The repunching at the left top of the 5 remains clear as the other lines fade and slowly disappear, but a few traces of the lines are usually visible, even in latest state. Some have strike doubling (machine doubling) at stars 5-11 and on RTY.

REVERSE: **Sharp point down to right from left end of left base of N in ONE.** Short, dull point down from leaf right of top of E in ONE. Short point down to right from inside left of C in CENT, another at same angle from right bottom of that E. Point down to left from base of E in UNITED. The points fade and most disappear, but the one from N in ONE remains visible, although weaker. Earliest has the field at UNITED STATES OF smooth, but this area quickly becomes rough (while all the reverse points are still visible) and is very rough in latest state. Strike doubling (machine doubling) sometimes seen on much of the reverse in later state. Latest has ITED STA weak.

RARITY 2 (Nearly two dozen seen in mint state; seven of those show a significant amount of mint red, another six have traces of mint red still visible. Most of the mint state examples are in state **b**.)

DIE STATES:

- a.** Without roughness at UNITED STATES OF. (Often has a strong polishing line from chin to star 3.) (Rare)
- b.** Roughness in field at UNITED STATES OF. (The usual state.)



1853



N-16

OBVERSE: (DRN 6 6 5 8 8 4) **Many lines to right through RTY and in space right of Y.** A short line up from hair under right side of E (see N-10). Short lines down very slightly to right of vertical from earlobe; another to right from bottom edge of earlobe. Earliest has reflective fields and at least three sets of very fine clashmarks at the throat. The face, neck, and bust become rough, like fine sandpaper. Lapping then removes all traces of the clashmarks and removes most of the lines at the earlobe, leaving a smooth area just below the earlobe where the lines used to be. The lines at RTY and under E are weaker but visible in latest state. The latest state has two rim cud breaks, one from star 9.5 to star 10 and another at stars 11-12. The sequence of these two cud breaks is unknown since an example with a single cud is unknown.

REVERSE: **Lines down very slightly to right of vertical at E in ONE;** some extending down to right of T in CENT. A few fine lines down to right from serif of crossbar of E in ONE. Earliest has a dull clashmark up to left from left top of N in CENT (from the inner ear) and at least three sets of clashmarks at the left top of O in ONE. Lines down to left from dentils over ERIC, strongest over left side of C. The fields are reflective early. A lapping during the marriage weakens all the lines and points and removes the clashmarks at the left top of O in ONE. The field outside the wreath becomes slightly rough. All the lines and points are gone in latest state except for some faint remnants of the nearly vertical lines at E in ONE. Latest has a narrow rim cud below the ribbon loop and stem.

RARITY 1+ (One and a half dozen seen in mint state; six of those have a significant amount of mint red remaining, another six have traces of mint red still visible. More than a dozen seen in About Uncirculated grades.)

DIE STATES:

- Clashmarks at throat, left top of O in ONE, and left top of N in CENT. Fields sometimes reflective. (Note: Some in this state have been called proof strikes, and PCGS even certified one example as a proof (Wadlington, Stack's Bowers 10/30/2014:10007). These are beautiful cents but their proof status is questionable.)
- Clashmarks at throat and left top of O in ONE gone.
- Rim cuds at star 9.5 to star 10 and at stars 11-12. (Unique) **PHOTO**
- Narrow rim cud at bottom of reverse reaches halfway to dentil roots. (Unique) **PHOTO**



1853

N-17



OBVERSE: (DRN 7 7 3 7 4 5) **Long dash to left from base of 1 to dentils (base of a misplaced 1).** (See N-33) Lines up to left from dentils under 185 and star 1. Lines down to right from main curl and inner hair bun some reaching inner and lowest curls. Sharp examples show a short, curved line high on neck. The lines at the dentils under 185 and star 1 fade and disappear rather early. The dash to the left from the base of the 1 fades and becomes detached from the base of the 1, but the left half of this line remains visible in latest state. The lines down to right from the main curl and inner bun fade and most disappear, but some remnants remain around the inner curl. The fields are slightly rough in latest state.

REVERSE: **Dull lump on bottom of O in ONE.** Earliest have a line down to left from the dentils to the top of T in UNITED and points at same angle from the adjacent N & I, plus a small lump on the body of the diagonal of that N. Early examples also have a few dull lines in the dentils (visible only between the dentils) below the ribbon and stem. These lines fade and are gone in the latest state.

RARITY 2 (Sixteen seen in mint state; three of those have a significant amount of mint red remaining, eight others have traces of mint red still visible. Most of the mint state examples are in die state **b**. Many seen in About Uncirculated grades.)

DIE STATES:

- a.** Lines at dentils under 185 and star 1.
- b.** Lines at dentils under 185 and star 1 gone.



1853

N-18



OBVERSE: (DRN 7 7 3 7 4 4) **Two horizontal dashes at bottom of 8, one to the left from the base and one near the dentils below.** Crisscrossed rough lines down to right and left fill field under hair buns and main curl. Points and short lines up to left from profile, the points from the nose strong. Short lines down to right from dentils at stars 3-4. Spur down to right from right point of star 3. Lump just right of nostril and two small lumps right of eye. Earliest has additional lines and points, plus fine polishing lines down to right in smooth fields. Those fields become moderately rough, strongest around the date. Lapping removes the roughness and most of the lines and points, but the dash near the dentils under the 8 remains visible until latest state. Some early examples have the obverse misaligned to K-3, and some later examples (state **b**) are misaligned to K-2.

REVERSE: **Strong point to left from left top of C in CENT and a longer one down to right from left base of N in ONE.** Other lines and points at ON and CEN, in various directions over NI in UNITED, and some strong ones down to left from dentils to tops of RIC in AMERICA, strongest to right top of I. Small lump on top of O in ONE. The fields become rough and heavily flowlined as most of the lines and points disappear. The strong point to left from C, one down to right from the N in ONE, and line from the right top of I in AMERICA to dentils remain visible in latest state, although they are weak. The small lump on top of O in ONE remains clear.

RARITY 1 (Twenty seen in mint state; eleven of those have a significant amount of mint red visible, six others have traces of mint red remaining. Many seen in About Uncirculated grades. Most of the mint state examples seen are in state **b**, none seen in state **c**.)

DIE STATES:

- a.** Lines in field under buns and main curl.
- b.** Lines in field under buns and main curl gone. Dash near dentils under 8 visible.
- c.** Dash near dentils under 8 gone. (Rare)



1853

N-19



OBVERSE: (DRN 7 8 4 7 7 5) **Repunching under 853, strongest under the 3 (see N-20). Strong lump near dentils under left side of 5 (see N-3).** Dull point up to right from top of inner curl. Sharp line down from lowest point of star 12 to dentils. The line down from star 12 disappears rather early. The repunching at the 8 & 5 fades and disappears as flowlines and roughness increase. The point up from the inner curl fades and is barely visible in latest state. The lump under the 5 fades and becomes blurry and indistinct as it blends with the strong flowlines in latest state. The repunching under the 3 remains clear. Some early examples have the obverse misaligned to K-5, a few intermediate state examples have the obverse misaligned to K-3, and many later examples have the obverse strongly misaligned to K-9. (These are sometimes offered as off-center strikes, which they are not.)

REVERSE: **Lines down slightly to right of vertical at wreath and berries right of T in CENT.** Other lines at same angle at berry right of E in ONE. Fine line down slightly to left of vertical inside the bottom of N in CENT. Small point down from base of E in ONE. Lump on body of diagonal of N in ONE. Earliest has smooth fields covered with fine polishing lines down slightly to right of horizontal, strongest inside wreath. The lines and points fade and some disappear as the fields become rough and flowlined, but the lines at the berries right of T in CENT remain clear. Latest has the legend outside the wreath weak and the field rising slightly around those letters.

RARITY 1 (More than two dozen seen in mint state; six of those show a significant amount of mint red, nine others have traces of mint red still visible. Most of the mint state examples are in state c, only four seen in state a.)

DIE STATES:

- a. Line down from star 12. Repunching under 853. (Obverse sometimes misaligned to K-5.)
- b. Line down from star 12 gone. Repunching under 8 & 5 weak. (Obverse occasionally misaligned to K-3.)
- c. Repunching under 8 & 5 gone. (Obverse frequently misaligned to K-9.)



1853

N-20



OBVERSE: (DRN 1 1 5 4 1 5) **Strong repunching under 5 & 3 (see N-19).** Points down to left from throat, the upper one strongest. Short lines and points down to right from upper portion of main curl. Lines up to right from inner curl to main curl. Tiny points up to left from upper lip and nose even with eyelash. Strong, dull spur to right from right side of bottom loop of 8. The fields are smooth early but quickly become rough and flowlined. The lines and points fade and some disappear, but the strong repunching under the 5 & 3 remains clear.

REVERSE: **Line up from top of E in CENT.** Earliest has many other fine vertical polishing lines inside the wreath, including a rather strong one right of the top of E in ONE, but these lines fade and disappear. Lines down to left from dentils at RI, but these lines fade and become lost in flowlines and roughness. A remnant of the line up from E in CENT remains visible in latest state.

RARITY 3 (Fifteen seen in mint state; two of those show a significant amount of mint red, seven have traces of mint red still visible. Another dozen seen in About Uncirculated grades.)

DIE STATES:

- a. Fields smooth. Lines over RI clear. (Scarce)
- b. Fields rough. Lines over RI weak or gone.



1853

N-21



OBVERSE: (DRN 5 6 4 8 4 5) **Lines down to left in space right of Y.** Fine lines down to right from bases of B & E. Fine points down to right from lowest curl over left side of star 13. Sharp line down slightly to left of vertical from earlobe; two other weaker ones down at slightly different angle close to left of earlobe. Earliest has smooth fields that are covered with fine vertical polishing lines and some rough lines up to left near dentils at stars 1 to over star 2. The lines at the dentils disappear very quickly (the lines below star 1 disappear first) and the fields become flowlined. The points from the lowest curl fade and become lost in the flowlines. The date weakens as the flowlines become severe. The lines at the ear, BE, and in space right of Y remain visible, the ones right of Y clearest in latest state. Some late examples have a large low spot blunting cheek, main curl, and hair at the ear.

REVERSE: **Very large, irregular lump in field over left top of N in CENT (diagnostic).** The earliest state has smooth fields that are covered with fine vertical polishing lines, but these disappear very quickly. The fields soon become rough and flowlined and the legend outside the wreath becomes weak. The large lump remains very clear. Some have strong strike doubling on portions of ONE CENT, and some late examples have a large low spot in the center of the reverse.

RARITY 3 (One and a half dozen seen in mint state; seven of those show a significant amount of mint red, five others have traces of mint red still visible. Most of the mint state examples are in state **b**; four seen in state **a**.)

DIE STATES:

- a.** Points from curl at star 13. Fields smooth. (Rare) (Note: Eight examples are known with the additional lines near the dentils at stars 1-2. The fields on these pieces often are reflective, and they could be considered a separate die state.)
- b.** Points from lowest curl over left edge of star 13 are gone (don't confuse these with flowlines). Fields are rough and flowlined.

1853



N-22



OBVERSE: (DRN 6 6 2 8 5 8) **1 repunched with horizontal line under peak and base, and a strong extension down from the upright.** The bottom edges of the 8 are recut, but the offset is small. Lines up to left at different angles from neck to jaw. Short lines and points up to left from lips. Fine lines down to right from main curl. Fine lines down to hair from right foot of R. Sharp examples show a curved line on the neck and two shorter ones high on the cheek, plus a strong lump on the rim under the 5. Some sharp early examples also show small triangular lumps on the outer edges of the rim where a tool cut into the edge of the die, but these lumps fade and disappear as the die wears. The lines and points fade and become dull, but most remain visible, the repunching under the 1 clearest.

REVERSE: A dull but strong line joins the R & I in AMERICA. Small lump on right side of N in ONE near top. Earliest has fine lines down to right from the dentils over UNITED, but these disappear quickly. The line at RI fades and disappears as the fields become flowlined. The lump on N in ONE is barely visible late. Usually comes with the reverse rotated slightly to the left (which is normal for most varieties), but the earliest state comes with little or no rotation.

RARITY 3 (One dozen seen in mint state; six of those show a significant amount of mint red, four others have traces of mint red visible. Another half dozen seen in About Uncirculated grades. Most of the mint state examples are in state **b**, two seen in state **a**.)

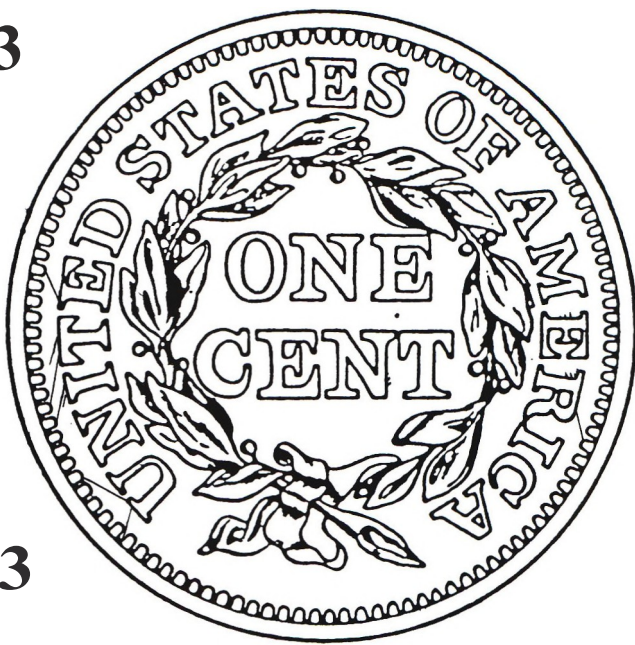
DIE STATES:

- a.** Lines visible at inner curl and RI. (Scarce)
- b.** Lines at inner curl and RI gone. (The line at RI disappears first.)



1853

N-23



OBVERSE: (DRN 6 7 2 7 3 6) The numeral 1 is strongly punched into the hair just right of the ear. The top of the 1 is just below the space right of the Y, and the base of the 1 shows as a strong horizontal line connecting two strands of hair just below and to the right of the earlobe. Fine lines down to right in space right of Y, the upper one curved. Other fine lines through LIB. Lines down slightly to right from main curl to inner curl; others at same angle along front edge of neck from bust and throat. Earliest has short lines up to right from dentils under 18 and star 1. The lines from the dentils under 18 and star 1 disappear quickly; the other lines fade and disappear later as the fields become very rough and flowlined. A strong flowline connects the left end of the base of the 1 to the right center of a dentil in the later states. Often has low spots blunting the ear and surrounding hair. Stray 1 right of ear always visible (except when obscured by low spots—which happens frequently).

REVERSE: Points up to right from right side of N in CENT. Fine lines at various angles from dentils to tops of U and ITE. Line down to left from dentils to right top of R in AMERICA; points down to left from left sides of that E & R. A small lump forms early in the field under E in ONE. The lines and points all fade and disappear as the fields become very rough, the points from N in CENT the last to go.

RARITY 3+ (Thirteen seen in mint state; one of those shows a significant amount of mint red, eight others have traces of mint red still visible. Ten others seen in About Uncirculated grades. Most of the mint state examples are in state **b**.)

DIE STATES:

a. Lines at dentils below 18 and star 1. Lines over U and ITE. (Very Scarce)

b. Lines gone. Fields rough and flowlined, the roughness severe late. (Seen with a severe low spot blunting stars 1-5.)



1853



N-24

OBVERSE: (DRN 7 6 4 8 5 5) **Dull triangular lump up from hair under E. Point down from bottom of inner hair bun.** Fine vertical lines from main curl to inner and lowest curls. Long point down slightly to right of vertical from earlobe. Tiny lump in space right of Y. Sharp early examples have several small triangular lumps on the rim at stars 4, 9, & 10. These are from tool marks (gouges) in the edge of the die, and they fade and disappear as the die wears. Several low spots form while the lines from the main curl are visible, and a lapping to remove the crud creating the low spots removed the vertical lines as well. The other lines, points, and lumps remain visible following the lapping.

REVERSE: **Points up from leaf under right end of base of T in CENT.** Vertical line inside E in CENT just right of upright and a few tiny points up from top of that letter. Tiny points up from top and inside bottom of C in CENT. The line and points gradually fade and disappear, the ones from the leaf under T the last to go. (Low spots sometimes obscure the points below T.)

RARITY 2 (One dozen seen in mint state; two of those have a significant amount of mint red remaining, seven others have traces of mint red visible. More than a dozen seen in About Uncirculated grades.)

DIE STATES:

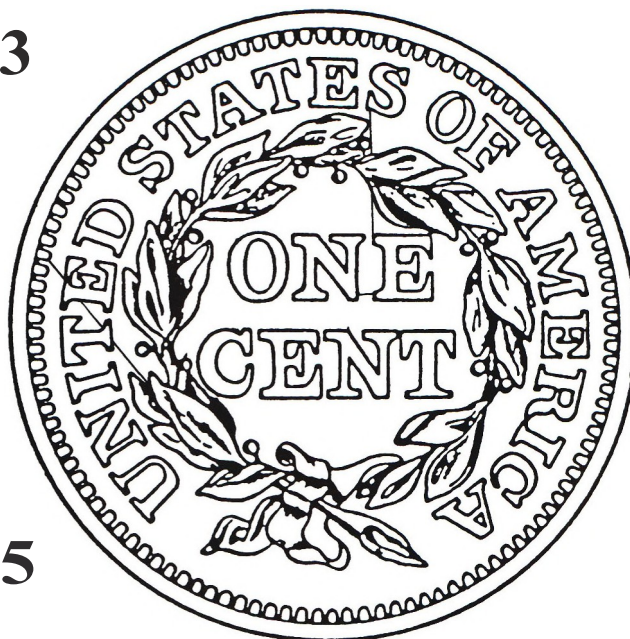
a. Vertical lines from main curl to inner curl.

b. Vertical lines from main curl to inner curl gone. (Some have a deep low spot covering the 185.)



1853

N-25



OBVERSE: (DRN 5 5 3 7 8 6) **Strong horizontal bar to right from dentils left of star 2. Strong lump on top of head under star 7. Horizontal line under base of 1 from repunching.** Bottom of 3 also repunched, but the offset is smaller. Sharp point up to right from inner curl; fine lines down to right from inner curl and main curl above. Point up to left from bust near neck. The fields become rough and flowlined as the lines and points fade and some disappear. The bar to right from the dentils left of star 2 remains visible (although dull), and the lump on top of the head remains clear. Die clashing late in the marriage weakens the top of the 5 and curl above. Latest has the repunching under the 1 gone.

REVERSE: Earliest has fine polishing lines down to right in fields, the strongest line through TE in UNITED. Point up to right from berry left of C in CENT; another up from left top of that N. A horizontal line connects the bases of N & E in ONE in early state. Small lump on left top of O in ONE; two others on top of C in CENT. The polishing lines down to right in the fields and line connecting the N & E in ONE fade and disappear quickly. The other points and lumps fade but remain visible as the fields become flowlined. Clashing (or some similar kind of damage) leaves a dull vertical line or wave down from the second S in STATES to the left top of E in ONE. (This damage occurs at the same time as the weakness at the top of the 5 and curl, and it shows on most examples from the large hoard mentioned below.)

RARITY 1 (More than a hundred seen in mint state; at least two dozen of those show a significant amount of mint red and many have generous traces of mellowed mint red still visible. Nearly all of the mint state examples are in die state **b**; only three mint state examples seen in state **a**, none in state **c**.)

DIE STATES:

- a.** Line at TE in UNITED. Line joins bases of N & E in ONE. (Scarce)
- b.** Lines at TE in UNITED and NE in ONE gone. Repunching below base of 1 is dull but visible. (Note: Hundreds of choice mint state examples from a large hoard are in this die state. Many of these have significant amounts of original mint color remaining.)
- c.** Repunching under base of 1 gone. (Rare)



1853

N-26



OBVERSE: (DRN 2 2 3 5 5 6) **Two strong points down to right from main curl over tip of inner curl, the right point stronger.** Small lump in field under left side of 8. A lump on the coronet over E is present rather early and may be present in the earliest state as well. The field becomes rough and is lapped to remove the roughness. The lapping left fine polishing lines down to right in the fields, strongest around the throat. The small lump under the 8 and left point from the main curl disappear, but the right point remains visible in latest state. Some have the 8 & 5 and curl above weakened by a low spot.

REVERSE: **Strong points down from ONE CENT, strongest down from left side of O to right top of C.** Earliest has lines connecting some of the stronger points at ON to the tops of CEN. Earliest also has fine lines down to left at different angles from dentils to tops of ERI. Small lump close under base of E in AMERICA. The fields become rough and a lapping to smooth the roughness leaves fine polishing lines down to right covering the fields and removes the fine lines over ERI. The lines and points at ONE CENT fade and most disappear, but remnants of the stronger points down from O and CEN remain visible in latest state. The small lump under E in AMERICA also remains visible. Often seen with strike doubling (machine doubling) on legend.

RARITY 2 (Twenty seen in mint state; four of those have a significant amount of mint red remaining, seven more have traces of mint red still visible. Many seen in About Uncirculated grades.)

DIE STATES:

- a. Lines from dentils to tops of ERI (the line to the right top of E the last to disappear). Two points from main curl over inner curl.
- b. Lines over ERI gone. Two points from main curl over inner curl.
- c. Single point down from main curl over tip of inner curl.



1853

N-27



OBVERSE: (DRN 5 6 3 8 6 5) **Lines up to left from bust close to neck.** Two fine, short lines down to right from curl to top of 5; others at same angle from main curl over inner curl. Lump high on cheek; a smaller one on bottom of earlobe. Earliest has reflective fields that are covered with fine polishing lines down to right of vertical, strongest at stars 9-11. Early examples have sharp lines up to left from dentils at stars 1-2, but these lines fade and gradually disappear as the fields become rough and flowlined. The other lines and points fade and disappear later as the roughness becomes severe, the fields pebbled and wavy in latest state. A crack or strong flowline connects the left end of the base of the 1 to a space between dentils. Later examples have a thin rim cud break at star 3 and a longer one from star 10 to star 11. The die is sometimes misaligned in a variety of directions and in different die states. Some early examples are misaligned to K-3.5, 4.5, 8, or 9, slightly later ones to K-3 and K-4, later ones to K-8.5. Misalignment can affect the presence of those narrow rim cuds.

REVERSE: **Strong points down from right top of N and left top of T in CENT.** Vertical lines through berry right of that T. Lines from left bottom of C in CENT to leaf below. Small lump on lower left side of O in ONE. Earliest has reflective fields covered with fine polishing lines down to left of vertical, strongest right of E in ONE down through the T below. The polishing lines disappear quickly and the other lines and points fade as the fields become flowlined and rough. The strong points at NT are dull but visible in latest state. The field rises around the legend, strongest at D STATES.

RARITY 2 (One and a half dozen seen in mint state; six of those show a significant amount of mint red, five others have traces of mint red still visible. Many others seen in About Uncirculated grades. Only two mint state examples seen in state d.)

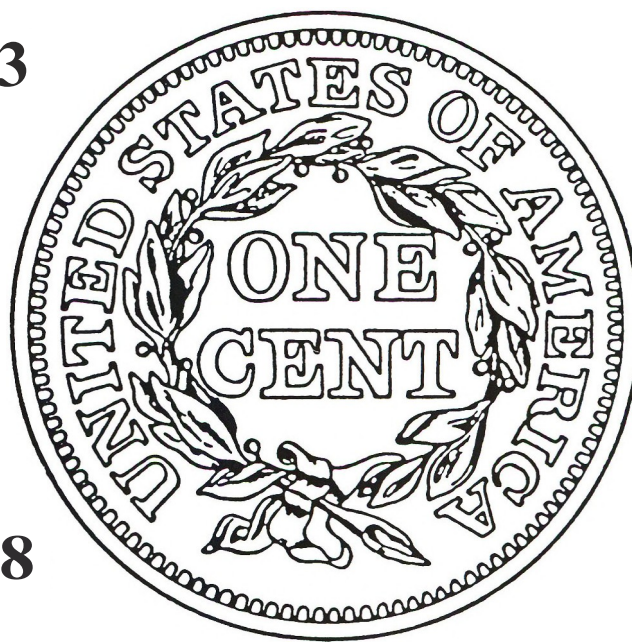
DIE STATES:

- a. Lines at dentils from star 1 to star 2. (The lines are sharp early, dull late.)
- b. Lines at dentils from star 1 to star 2 gone.
- c. Thin rim cud break at star 3. (Obverse often misaligned to K-3)
- d. Rim cud at star 3 is larger. Additional thin rim cud break at star 10-11. Fields rough.



1853

N-28



OBVERSE: (DRN 4 4 5 3 3 4) **Two lines up to left from left foot of Y.** Dull, short lines down from dentils at star 4; others down to left from dentils at star 12. Tiny points down from tip of nose and jaw. The 1 is repunched with a double peak and doubling on the upper edge of the left side of the base. The earliest state has smooth fields with additional lines from the dentils at stars 2-6 and 10-12, but these weaker lines disappear quickly as the fields become rough and flowlined. The points from the nose and jaw disappear rather early. The strong lines from the dentils at stars 4 & 12 become dull and gradually fade until they are gone. Strong flowlines cover the fields and neck late, and a flowline extends down from the left end of the base of the 1 to the right top of a dentil. Latest has the top half of the date weak, especially the top of the 8. The lines at TY fade but remain visible in latest state, and traces of the doubled peak on the 1 are also visible.

REVERSE: Earliest has smooth fields that are covered with fine vertical polishing lines, but these disappear quickly. The fields become rough and flowlined and the legend outside the wreath is weak in latest state. This variety is a challenge to attribute in the late die state.

RARITY 3+ (Fourteen seen in mint state; six of those show a significant amount of mint red, three others have traces of mint red remaining. More than ten seen in About Uncirculated grades. Only one mint state seen in state **a.**)

DIE STATES:

- a.** Lines at dentils from star 2 to star 6. Fields smooth. (Rare)
- b.** Dull lines from dentils at stars 4 & 12 (ones at star 12 often very weak). Fields rough.
- c.** Lines from dentils gone. Top of 8 weak, nearly gone. Fields heavily flowlined.



1853

N-29



OBVERSE: (DRN 5 5 2 2 8 6) Lines up to left at different angles near dentils at stars 1-2. Short lines up to left from neck; some weaker ones down to left from neck. The lines from the neck disappear early; the ones at the dentils fade and become dull shadows before they eventually disappear as the fields become slightly rough from flowlines. Latest has strong roughness in the fields and a clear flowline connecting the left end of the base of the 1 to the left top of a dentil. Low spots frequently found on neck. Some late examples have a low spot blunting the curls over 53. A few early examples seen with the obverse misaligned to K-9 and K-9.5.

REVERSE: Line up from berry left of C in CENT; other lighter lines up from leaf below the C and inside adjacent E. Stronger line up inside top of N in CENT. Earliest has smooth fields covered with fine polishing lines down to right of vertical, strongest around NITED, but these disappear quickly. The lines at CEN fade and most disappear, but a remnant of the strong one up from the berry left of C and traces of the line inside the top of N remain visible. Latest has rough, flowlined fields that are rising around TED STATES. Frequently has shallow low spots inside the wreath.

RARITY 3 (One and a half dozen seen in mint state; eight show a significant amount of mint red, seven others have traces of mint red still visible. Many seen in About Uncirculated grades. Only one mint state example seen in state a.)

DIE STATES:

a. Short lines at neck. Lines at dentils star 1 to star 2 clear. (Scarce) (Some have the obverse misaligned to K-9.5.)

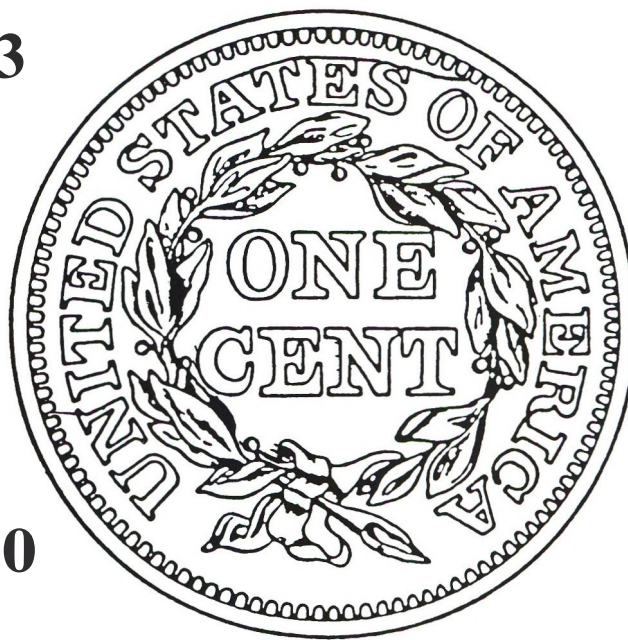
b. Lines at neck gone. Lines at dentils star 1 to star 2 dull but visible. (Some seen with the obverse misaligned to K-9 early in state b.)

c. Lines at dentils star 1 to star 2 gone. (Some seen with the obverse misaligned to K-1.5.)



1853

N-30



OBVERSE: (DRN 4 4 3 2 2 5) **Lines up to right from inner curl, some reaching main curl.** These are crossed by other lines down to right from the main curl and inner curl. Point down from bottom of inner hair bun. Points up to left from neck and bust, the bottom two points strongest. Line (actually several fine lines close together) up to left connects neck to jaw at throat. Point down to left from jaw. Fine lines up from dentils at star 13. Small point up from top of head under star 8. Lump on front edge of nose even with eyelash. The lines and points at the throat fade and disappear in flowlines. The ones at the inner and main curls fade and most disappear, but traces of the ones up to right remain faintly visible in latest state as roughness fills the fields. A flowline connects the left end of the base of the 1 to a dentil. The point up from the hair under star 8 is barely visible late, but the lump on the nose at the eyelash remains clear. Some early examples have a large low spot on neck and jaw.

REVERSE: **Strong line from left edge of upper ribbon loop to berry under CE in CENT;** other points to left from the ribbon loop and left side of that berry. Two short lines or long points up to left from left side of C in CENT. Points to left and right from left upright of N in CENT. Line down to left from dentils to right top of N in UNITED. Elongated lump on body of leaf under right side of D in UNITED. Earliest has fine horizontal polishing lines inside wreath. The line to N in UNITED fades and disappears, but most of the other lines and points remain visible as the die wears and develops flowlines. Later states have a dull crack or wave in the die through the tops of ATES to the dentils over O. The strong line from the ribbon to the berry under CE is dull in latest state, but it is always visible.

RARITY 1 (One and a half dozen seen in mint state; seven of those show a significant amount of mint red, three others have traces of mint red remaining visible. Most of the mint state examples seen are in state a.)

DIE STATES:

- a. Lines from dentils at star 13.
- b. Lines from dentils at star 13 gone (lost in flowlines). Left end of base of 1 connected to a dentil by a flowline. Dull wave through top of ATES to dentils over O in OF. (Scarce)

1853

N-31

 inner ear



OBVERSE: (DRN 3 3 4 2 5 5) **Inside of ear is shaped more like a triangle than a peanut (as on N-3).** Fine lines up to right from junction of head and top of inner hair bun. Base of 3 is close to dentils. Fine lines up to left from junction of bust and neck; others at same angle from neck and throat. Tiny lines down to right from curl over right side of 8; others down from earlobe. Lines down slightly to right of vertical at dentils left of star 3; another down to right from dentils at star 2. Earliest has smooth fields covered with fine polishing lines down slightly to right of vertical before the face and similar lines down slightly to left of vertical in the field behind the head. The fields become rough and flowlined and the lines and points fade and disappear, the lines from the top of the head and inner bun the last to go. Latest has a wave in the field behind the head as if the die was slightly buckled. The triangular shape of the inner ear remains constant.

REVERSE: Lines up slightly to left of vertical at berries and leaves left of C in CENT. Tiny points to right from N in ONE and E and N in CENT. Tiny point down from berry below R in AMERICA. Lines down to left at different angles from dentils to tops of R & I in AMERICA. Line in dentils over I in UNITED (visible only between the dentils). The lines and points fade and most disappear, but some of the stronger lines at the berries and leaves left of C in CENT are always visible. Sharp examples sometimes show a small lump on the right top of the body of the T in CENT. The fields become rough and flowlined and rise slightly around the legend, strongest at STATES OF. Many show strike doubling (machine doubling) on the upper edges of the diagonals of the N's in ONE CENT, plus weaker doubling elsewhere on the legend and wreath.

RARITY 4+ (Four seen in mint state; two of those have a significant mount of mint red remaining visible, one other seen with traces of mint red still visible. One seen in About Uncirculated, ten more in Extremely Fine grades. Nearly all the high-grade examples are in state b.)

DIE STATES:

- a. Lines from dentils to tops of R & I clear. Field outside wreath smooth. (Rare)
- b. Lines at RI dull. Field outside wreath rough.
- c. Lines at RI gone. Fields rough. Right obverse field wavy. (Rare)



1853

N-32



OBVERSE: (DRN 4 5 3 2 1 5) Dull lump in space right of Y. Earliest has smooth fields covered with fine polishing lines down to right, strongest from the chin to the bottom of the neck. These lapping lines disappear quickly as the fields become rough and flowlined, but the roughness never becomes severe. The lump in the space right of Y remains visible.

REVERSE: Many strong, rough lines down slightly to right of vertical cover field at **ONE CENT** with similar lines at wreath below. Other lines under MER and one at a different angle from the second A in AMERICA to the stem tip and dentils below. Strong line connects S & T in STATES. Raised area at dentils to top of O in OF. Other lines at different angles show on sharp, early examples. These lines fade and many disappear as the fields become rough and flowlined, but some lines are always visible at ONE and CENT. The line at the stem tip fades and is gone in latest state. Strike doubling is sometimes present in all die states, strongest on the diagonals of the N's in ONE CENT.

RARITY 5- (Three seen in mint state; all three have traces of mint red still visible. Six more seen in About Uncirculated grades, ten in Extremely Fine grades.)

DIE STATES:

- a. Lines down to right in field at neck. Line at stem tip sharp. (Very Scarce)
- b. Lines at neck gone. Line at stem tip visible but becomes dull and faint.
- c. Line at stem tip gone. (Very Scarce)
- d. Shallow rim cud break about 5-dentils wide at star 13. Very thin rim cud from star 2 to star 3. (Unique) **PHOTO**
- e. The rim cud at star 13 appears to have **migrated** to right of star 12? (Unique)

A large, detailed illustration of a US one-cent coin (penny) for coloring. The coin features the Union Shield, the text "UNITED STATES OF AMERICA", "ONE CENT", and a small "3" in the bottom left corner.

1854

Newcomb No.	Date	Reference No.	
19	1 1 7 4 1 4		
1	1 1 7 4 7 5		
3	1 3 3 4 8 7		
2	1 3 4 4 4 6		
5, (28)	2 4 6 4 2 5		
4	2 4 6 4 3 4		
10	3 5 3 1 7 5		
(26), (29)	3 5 3 4 6 7		
8	3 5 5 4 7 5		
6	3 5 7 5 8 3		
7	3 6 1 5 3 9	No hole in ear	
(27)	4 5 3+ 4 6 8	No hole in ear	
9	4 5 4 4 7 5	No hole in ear	
24	4 5 5 4 6 6		
22	4 5 5 4 6 8	No hole in ear	
25	4 6 3 2 4 7	No hole in ear	
13	4 6 5 2 3 5	No hole in ear	
12	4 7 2 1 1 8	No hole in ear	
11	4 7 3 1 2 6		
20	4 7 4 1 3 4		

1854

Newcomb No.	Date	Reference No.
23		4 6+ 5 2 5 6
21, (30)		4 7 6 1 5 4
14		5 7 3 7 1 6
17		5 8 4 9 6 5 No hole in ear
16		6 8 2 7 7 6
18		7 9 5 7 6 5

Varieties Delisted

N-15 Does not exist



1854

N-1



OBVERSE: (DRN 1 1 7 4 7 5) **Point of curl left of center of the 8.** (See N-19) **Strong point down from main curl over inner curl.** Other lighter short lines and points down slightly to right of vertical from main curl. Fine line down to right from main curl nearly touches top of inner curl. A group of short, fine lines up very slightly to right of horizontal from right corner of eye. Small, round hole in ear and the hole has fine lines to the right inside the hole. Right end of base of 4 over center of space between dentils. The fields become rough and flowlined, and the latest has the left end of the base of the 1 and right end of the base of the 4 connected to dentils below. The lines and points fade and most disappear or get lost in the roughness, but the strong point down from the main curl over the inner curl remains visible, although it is dull in latest state. Some intermediate die state examples have weak stars from die clogging, and later examples sometimes have the ear and surrounding hair blunted by large low spots.

REVERSE: Rough, slightly raised areas at dentils over ES in STATES. The fields are smooth early but become rough and flowlined, strongest around UNITED. Often has low spots inside the wreath, sometimes blunting portions of ONE CENT.

RARITY 3 (Fifteen seen in mint state; three of those show a significant amount of mint red, five others have traces of mint red visible. More than a dozen seen in About Uncirculated grades. Only two mint state examples seen in die state **a**. The prevalence of low spots on this variety makes finding well-struck examples a challenge—a common problem encountered on many 1854 varieties.)

DIE STATES:

- a.** Fields smooth. (Scarce)
- b.** Fields slightly rough. Flowline connects right base of 4 to dentil.
- c.** Fields rough. Flowline connects left end of base of 1 to dentil.



1854

N-2



OBVERSE: (DRN 1 3 4 4 4 6) **Left top of 5 heavily imbedded into curl above (see N-4).** **Without upright of stray 4 in curls over left side of 5 (as on N-4).** Round hole in ear. Right end of base of 4 high above and just left of right edge of a dentil. Sharp, early examples show fine lines down to left from eyelash and front edge of eyeball. Earliest has smooth fields covered with fine polishing lines down to right, strongest single line from middle of main curl toward bottom of star 12. The polishing lines disappear quickly; the ones at the eye disappear later as the fields become slightly rough. The tip of coronet, top of head, and curl on forehead are almost always very weakly struck. Fully struck examples are extremely rare, especially in the earlier states.

REVERSE: Fine line connects the bases of N in ONE. Earliest has fine polishing lines down to right in the fields, some tiny lumps between the bases of F & A, and clashmarks (a round lump over the left top of the N in CENT from the ear hole and a curved line at the left top of O in ONE from the throat). Small lump on right bottom of T in CENT (at the position where the spike added later exits from the base). Line under left pendant of second T in STATES. Strong radial lines are added rather early from the tops of ITED and the A in STATES to the dentils (look like flowlines but are not). The lines and clashmarks fade and disappear as the field rises around legend, strongest at STATES OF. A strong spike is added down through the right base of T in CENT, but this is faint in latest state. Some have strike doubling on portions of the wreath and legend. Usually weakly struck on lower portions of the wreath which opposes the weakly struck area on the obverse. (The dies were not in proper parallel alignment.)

RARITY 1 (Two dozen seen in mint state; six of those show a significant amount of mint red, ten others have traces of mint red still visible. Nearly all examples seen in states **a** and **b** have significant weakness on the coronet over LIB and on the lower part of the wreath; choice, well-struck examples are extremely rare.)

DIE STATES:

- a.** Line connects bases of N in ONE. Lump (clashmark) over left top of N in CENT. (Seen with a low spot from star 12 to the main curl.)
- b.** Line at N in ONE and lump over N in CENT gone. Lines up from ITED to dentils.
- c.** Reverse legend sinking at ED STATES OF AMERICA. Lines at ITED gone.



1854

N-3



OBVERSE: (DRN 1 3 3 4 8 7) **Three sides of an incuse square imbedded in curls over left top of 5** (formed by the crossbar, base, and upright of a stray 4). Round hole in ear. Small lump on left side of upright of L. Early examples have smooth fields and a sharp polishing line down to right from the dentils through star 6 to the head, strongest where it emerges down from the star. The line at star 6 fades and disappears as the fields become slightly rough. The lump and incuse square remain clear.

REVERSE: (Same as N-20, earlier) **Points up to left from right top of N in UNITED and a few down to right at same angle from dentils above.** Earliest has smooth fields covered with polishing lines down to right, strongest single line from the leaf over O in ONE through that O to EN below. Tiny point up to left from top of E in CENT just left of the lapping line. The lapping line disappears quickly; the point from the top of E in CENT disappears soon after. The points at N in UNITED fade as light flowlines develop outside the wreath, but remnants of these points are still visible in latest state.

RARITY 1 (Sixteen seen in mint state; only three of those show a significant amount of mint red, eight others have traces of mint red visible. Many seen in About Uncirculated grades. Most of the mint state examples are in state **a**; only one seen in state **b**. This variety usually comes sharply struck.)

DIE STATES:

- a.** Line down through star 6.
- b.** Line down through star 6 gone.



1854

N-4



OBVERSE: (DRN 2 4 6 4 3 4) **Left top of 5 heavily imbedded into curl above (see N-2). Part of the upright of the base of a stray 4 is imbedded into the curls over the left side of the 5 (clearest in the hollow between the curl and bust).** The 4 is repunched with a horizontal line under the crossbar, another under the upright, and a serif down from the right end of the base. Round hole in ear with a fine line down to right inside the upper half of the hole. Fine lines up to right from right side of Y, strongest from right end of base. Tiny lump under E. Earliest has reflective fields that are covered with strong polishing lines down to right and a dull clashmark to right from the top of the inner curl. The polishing lines, clashmark, and repunching at the 4 fade and disappear as the fields become lightly flowlined. Several tiny lumps form on neck. Sometimes has low spots blunting the ear, hair, bust, and top of the 5.

REVERSE: Earliest has slightly reflective fields covered with strong polishing lines down to right and multiple sets of clashmarks creating a large, shallow lump over EN in CENT and curved lines at the left top of O in ONE. Lump on top of E in CENT and another on the body of the left top of that N, plus a smaller one on the left base of N in ONE. Tiny points to right from right sides of N & T in CENT. Small lump on right side of N in UNITED near base. Often has doubling on portions of the wreath and legend, especially in the earlier state. The points at N & T in CENT disappear quickly and the clashmarks disappear later. Low spots sometimes blunt the bottom of the wreath in middle and later die states. The lumps at N in ONE and EN in CENT remain visible.

RARITY 3 (One dozen seen in mint state; only one of those shows a significant amount of mint red, three others have traces of mint red still visible. Eight more seen in About Uncirculated grades. All the mint state examples seen are in state a.)

DIE STATES:

- a. Repunching at 4 and clashmarks on both sides visible.
- b. Repunching at 4 and clashmarks gone. (Very Scarce)



1854

N-5



OBVERSE: (DRN 2 4 6 4 2 5) (Same as N-28, earlier) **Curved line from tip of curl over 8 is the top of a misplaced 8 above and slightly to left of the normal 8. Horizontal dash in field left of upright of 1 (part of a misplaced 1). Lump joins left center of base of Y to hair below** (early examples show the lump is two lines very close together). Hole in ear with short horizontal lines in the hole, inside the ear, and along the jawline below. Short horizontal line under right corner of eye. Line down to left from right foot of R to hair. Right end of base of 4 is high over center of a dentil. Earliest has slightly reflective fields covered with fine polishing lines down slightly to right of vertical, strongest at bust, and a delicate clashmark at the inner curl. The polishing lines and clashmark disappear quickly as the fields become rough and flowlined. The repunching and most of the die lines also fade and disappear, but the line at R and lump under Y remain visible. Latest is rough and flowlined with a strong flowline from left end of base of 1 to center of a dentil, plus another closing the bottom of the 5. Point of the coronet flows strongly into field. Some examples in state **b** have the obverse misaligned to K-10.

REVERSE: Earliest has fine polishing lines down slightly to left of vertical in the fields, strongest below MERIC, and a fine clashmark at the left top of O in ONE. This clashmark becomes finely doubled very early and then fades and disappears along with the polishing lines. Latest is rough and flowlined. A tiny lump forms late on the edge of the leaf left of the bottom of O in ONE, and this is in a position similar to but slightly higher than the point always present on N-28. Some late examples also have a clashmark inside the top of E in ONE.

RARITY 3 (A dozen seen in mint state; two of those show a significant amount of mint red, six others have traces of mint red still visible. More than a dozen seen in About Uncirculated grades. Most of the mint state examples are in state **b**, none seen in state **a**.)

DIE STATES:

- a.** Repunching at 1 & 8 clear with single clashmark at left top of O in ONE. (Rare)
- b.** Repunching at 1 & 8 visible with double clashmark at left top of O in ONE. (Scarce)
- c.** Repunching weak or gone (curved line from curl tip the last to go). Clashmarks gone.



1854

N-6



OBVERSE: (DRN 3 5 7 5 8 3) **Short lines up at slightly different angles from dentils at star 2. Short line up to right at right corner of eye. Two tiny points down to left from front edge of eyeball.** Round hole in ear. The right end of the base of the 4 is close over the space between dentils. The defects fade as the fields become slightly rough. The lines at star 2 eventually disappear but the line and points at the eye remain visible. A lump forms high on the cheekbone, and another forms close under the tip of the nose about halfway through the marriage. A strong flowline grows from the left end of the base of the 1 to the left top of a dentil.

REVERSE: **Short lines down to left from dentils over I in AMERICA.** Lighter lines down to left from dentils over TED; shorter ones down to right from dentils over U. Tiny points down from base of E in ONE; a stronger one down from serif of right top of that letter. Small lump on right side of upright of T in CENT. The lines and points fade and most disappear as the fields become flowlined, but dull remnants of the ones over I in AMERICA remain visible in latest state.

RARITY 1 (Fifteen seen in mint state; three have a significant amount of mint red remaining, six others have traces of mint red still visible. More than a dozen seen in About Uncirculated grades. Only one mint state example seen in state **a**.)

DIE STATES:

- a.** Without lump close under tip of nose. Short lines from dentils at star 2 clear. (Very Scarce)
- b.** Lump under tip of nose. Lines at star 2 dull but visible.
- c.** Lump under tip of nose. Lines at star 2 gone. (Seen with a large low spot covering 18, bust, face, coronet at LIB, stars 1-4-and into the field before the portrait.)



1854

N-7



OBVERSE: (DRN 3 6 153 9) Two points down from bottom of inner hair bun, the left point very strong. Concentration of fine lines down to right from right base of E to hair (see N-22). Without hole in ear. Lighter line down to right through left base of R; others down to left in space right of Y. Many short lines down close under right side of eyeball. Lines and points up to left from upper half of neck. Tiny points down from jaw. Fine lines down to right from inner curl. The 1 and 4 are repunched with a dull extension to the left from the base of the 1 and horizontal lines inside the triangle and under the base of the 4. Earliest has a strong point down from near the right end of the top of the 5. Most of the lines and points fade and disappear as the fields become rough and flowlined, but the lines at E & R and strong point down from the inner hair bun remain clear. Develops a flowline connecting the right end of the base of the 4 to the right top of a dentil below, and this flowline is strong in latest state.

REVERSE: Tiny spur up to left from right foot of T in CENT. A small point up to left from stem right of base of T in CENT. Fine lines up to left under berry left of C in CENT; others at same angle left of berry under first A in AMERICA. The lines and points fade and disappear as flowlines and roughness become strong.

RARITY 2+ (Fifteen seen in mint state; five of those show a significant amount of mint red; four others have traces of mint red visible. More than a dozen seen in About Uncirculated grades. Only one mint state example seen in state a.)

DIESTATES:

- a. Repunching at 1 & 4 clear. (Rare)
- b. Repunching at 1 & 4 faint or gone. Flowline connects right end of base of 4 to right top of a dentil below.



1854

N-8



OBVERSE: (DRN 3 5 5 4 7 5) **Point to right from upper tip of inner curl.** A longer but lighter point to right from upper edge of inner curl and a few tiny ones to right from the main curl. Short, dull point to left from nose at eyebrow. Short, blunted line down from space between dentils over star 5 (hub defect seen on several varieties). Tiny lump right of bottom of E; another close over knee of R. Hole in ear. The points and line fade and most disappear as the fields become covered with light flowlines, but a remnant of the point to right from the upper tip of the inner curl remains visible in latest state. Develops a string of tiny lumps down under right side of eye curving toward chin, and a flowlines extend down from the left base of the 1 and right base of the 4 to the space between dentils below. (See N-26)

REVERSE: **Lump or dull point on left side of O in ONE.** Sharp examples also show a lump on the body of E in UNITED near the bottom of the upright. Lump over left side of M near dentils. A string of tiny lumps curves down from bottom of O in OF. Flowlines and roughness eventually obscure the lumps in the fields, but the one on the left side of O in ONE remains clear. Often seen with some strike doubling on portions of the legend and wreath.

RARITY 1 (More than fifty seen in mint state; ten of those show a significant amount of mint red, may others have traces of mint red visible. Most are in state **b**; a half dozen in state **a**, and most are well struck regardless of the die state.)

DIE STATES:

- a.** Smooth fields. Without flowlines from bases of 1 & 4 to spaces between dentils. (Very Scarce)
- b.** Flowlines from left end of base of 1 and right end of base of 4 down to space between dentils.



1854

N-9



OBVERSE: (DRN 4 5 4 4 7 5) **A stray 1 is strongly punched into right side of ear.** A fine curved line in space right of Y is from the top of a stray 8, and the bottom of a stray 4 is in the curls over the right side of the 5. **(The "dartboard obverse")** Without hole in ear. Many lines down to right under BERT; other short ones down to right at slightly different angle at right corner of eye and earlobe. The dies clash very early leaving a raised clashmark at the throat and to right from the inner curl. The fields become heavily flowlined and rough, and a strong flowline grows from the left end of the base of the 1 down to a space between dentils. The lines under BERT and the 1 punched into the right side of the ear remain visible (although a low spot often blunts the area at the ear).

REVERSE: Perfect in the earliest state, but the dies clash very early leaving dull curved lines at the left top of the O in ONE (from throat) and dull lumps over EN in CENT (from ear hole). Flowlines develop through legend as the fields become rough and the clashmarks fade, the one at O still faintly visible in latest state. Portions of the legend sometimes doubled from die bounce (machine doubling).

RARITY 2 (Twenty seen in mint state; five show a significant amount of mint red, five others have traces of mint red still visible. Ten more seen in About Uncirculated grades. No mint state examples seen in state a. The prevalence of low spots around the ear make choice, sharply struck examples that clearly show the "dartboard" especially desirable.)

DIE STATES:

- a. Dies unclashed with smooth fields. (Extremely Rare)
- b. Dies clashed with smooth fields. (Scarce)
- c. Fields are rough and flowlined. Flowline from left end of base of 1 to space between dentils.



1854

N-10



OBVERSE: (DRN 3 5 3 1 7 5) **Very strong, rough line curves down from right end of base of Y into hair.** Vertical lines down from BER, below eye, hair before ear, earlobe, throat, and neck. Round hole in ear with vertical lines inside hole. Strong lump at dentil tips over star 7. The fields become rough and flowlined as cracks form through stars 1-2, bust and lower curls, star 12, and star 12 through star 11 to dentils right of star 10. The fields become heavily flowlined but most of the lines and points remain visible, the rough line curving down from the right base of Y always strong. The lump at dentils over star 7 fades and is gone in latest state.

REVERSE: Line up to right from right top of T in UNITED to dentils over E. Reported uncracked, but earliest seen has a fine crack from dentils through C in AMERICA and wreath to feet of NT in CENT. Latest has additional cracks from dentils through ED to wreath, from dentils down through first S in STATES and wreath to ON in ONE, and final ones from the wreath up through the F and first A in AMERICA to the dentils above. The fields are rough and flowlined in latest state, and the line from T in UNITED to the dentils over E is gone.

RARITY 2+ (Eighteen seen in mint state; nine of those show a significant amount of mint red, four others have traces of mint red remaining. Many seen in About Uncirculated grades. Three nearly full mint red pieces were part of a small “hoard” of 1854 cents discovered in 1992. All three had an uncracked obverse in state **b** late or **c** early. Only two mint state examples seen in state **b**.)

DIE STATES:

- a. Both dies uncracked. (Unknown)
- b. Obverse uncracked. Fine crack from dentils through C in AMERICA and wreath to NT. Line from T in UNITED to dentils over E clear. Some seen with the reverse rotated 20-25 degrees CCW.
- c. Obverse uncracked. Faint crack from dentils down through ED to wreath; light crack from dentils down through first S in STATES and wreath to ON joining first crack.
- d. Obverse cracked as shown. The first place the crack shows is from the bust to star 1. Line from T in UNITED to dentils over E is weak but visible.
- e. All cracks as shown. Line from T in UNITED to dentils over E gone.



1854

N-11



OBVERSE: (DRN 4 7 3 1 2 6) **Group of closely spaced lines down to right of vertical from earlobe.** Round hole in ear. Right base of the 4 is right of left edge of a dentil and is connected by a line (looks like a flowline in later states) down to right center of that dentil. Earliest state has smooth fields, but they quickly become rough and flowlined, and the fields become a bit wavy as the roughness grows strong. The lines down from the earlobe remain visible. Latest state has some fine crumbling along the profile from the nose clockwise to the outer hair bun, plus some crumbling around the date. **The hair at the ear is seldom fully struck.**

REVERSE: **Point down from left base of N in ONE; another down from left top of E in CENT.** Weaker points up from tops of C & E in CENT. Earliest seen has a light clashmark (an irregular lump created by the ear hole) in the field over the left top of N in CENT and a small lump close under left side of base of E in UNITED. Earliest also has some minor roughness around legend. Develops strong flowlines and roughness as the die wears and the lumps fade. Latest has crumbling creating raised areas under ONE CENT and around wreath. The points down from N in ONE and E in CENT fade slightly but remain visible in latest state.

RARITY 2 (More than fifty seen in mint state; eleven of those show a significant amount of mint red, ten have traces of mint red still visible. Only two mint state examples seen in state **a**. Choice well-struck examples are quite rare.)

DIE STATES:

- a.** Obverse fields smooth. (Very Rare) (Seen with the obverse misaligned to K-3 in state **a** late.)
- b.** Fields rough and flowlined. (The usual state.)
- c.** Obverse fields wavy. Flowlines connect left end of base of 1 and right end of base of 4 to dentils below. (Some seen with the obverse misaligned to K-12.5.)



1854

N-12



OBVERSE: (DRN 4 7 2 1 1 8) **Short horizontal line under base of 1 directly under upright, the left end of the line stronger than the right.** Without hole in ear. Earliest has smooth fields and fine lines up to left from the dentils under 54 and star 13, strongest under right side of 4. Tiny point up from inner curl just left of the tip of the curl. The lines from the dentils and point from the curl disappear quickly following the proof strikes (see below) as the fields become rough and flowlined. The flowlines become severe and the fields wavy as the line under the 1 fades and gets lost in the roughness. This variety is difficult to attribute in the late state and a process of elimination is often required. Latest has a small lump left of earlobe.

REVERSE: No lines, lumps, or points. Earliest has smooth fields, but they quickly become rough and flowlined following the proof strikes (see note below). No other diagnostics.

RARITY 2+ (R6 as a proof) (Sixteen business strikes seen in mint state; four of those show a significant amount of mint red, eight others have traces of mint red still visible. A dozen seen in About Uncirculated grades. Only three mint state examples seen in state **a**; most are in state **b**.)

DIE STATES:

- a.** Horizontal line under upright of 1. Lines from dentils under 54. (Very Scarce)
- b.** Horizontal line under upright of 1 dull. Lines from dentils under 54 gone.
- c.** Fields rough and flowlined. Line under upright of 1 gone. (Scarce) (Attributing examples in this die state is quite a challenge.)

Note: Two to three dozen proof strikes are known for this variety (I have examined twelve). Many of these have the obverse misaligned slightly to the left and the reverse slightly off to the bottom right. The line under the upright of the 1 is weaker and less sharp on the proof strikes than it is on the earliest business strikes, but it is still clearly visible. Because of that I believe these proof strikes (which usually have nicely reflective fields) were struck from a pair of repolished dies following the production of a small quantity of business strikes. (I also believe a similar repolishing of slightly used dies was performed to produce the proof strikes of N-10 of 1855.)



1854



N-13

OBVERSE: (DRN 4 6 5 2 3 5) **Short, strong lines up from dentil tips between 5 & 4.** Lighter lines up to left from upper half of neck, some reaching throat. Strong vertical line joins upper lip to bottom of nose very close against lip. **Without hole in ear.** The fields quickly become rough and flowlined and the lines at the throat fade and disappear. The vertical line at the lip gradually blends into the lip and is gone before the lines from the dentils below 54 completely disappear. The lines from the dentil tips under 54 gradually blend into the strong flowlines and are gone in the late state, the one under the right side of the 5 the last to go. The late state also has a flowline connecting the left end of the base of the 1 to the right top of a dentil and the right end of the base of the 4 to the center of a dentil. This is another die that's difficult to identify in the late state.

REVERSE: Earliest has lines to right at STATES OF, strongest at S-OF. Fine line up to right above berry below IT in UNITED very close to stem. **Nearly all seen have clear doubling inside the right side of the O in ONE.** The lines at STATES OF and one at the berry under IT fade and disappear quickly as the fields become flowlined. The doubling inside the right side of O in ONE is normally visible, but some late examples do not show this feature. The later states of this variety are difficult to attribute. The date position and absence of a hole in the ear make a "process of elimination" procedure your best plan of attack for examples in a late die state.

RARITY 3+ (Eight seen in mint state; five of those have a significant amount of mint red remaining, three others show traces of mint red. Six more seen in About Uncirculated grades, more than a dozen in Extremely Fine grades. Only one mint state example seen in state a.)

DIE STATES:

- a. Lines at S-OF. Lines up from dentils at 54 clear. (Very Rare)
- b. Lines at S-OF gone. Line up from dentil tip below right side of 5 dull but visible.
- c. Lines up from dentils under 54 completely gone, lost in flowlines. Fields heavily flowlined. Doubling **usually** visible inside right side of O in ONE.



1854

N-14



OBVERSE: (DRN 5 7 3 7 1 6) **Repunching inside triangle of 4 (base of a 1 or another 4) showing clearest as a horizontal line across the center of the triangle.** Hole in ear. Lines down slightly to right of vertical inside ear and ear hole. Additional lines at same angle down from earlobe, one of these strong and extending down onto neck (see N-20). Line down to right from tip of nose; others at same angle at throat. Lines down to left at throat and chin. The collection of crisscrossed lines at the throat created a rough, raised area. Curved line down from left pendant of T. Usually seen with low spots on the neck and around the ear, and these often obscure the lines at the ear. The low spots sometimes extend into the curls, blunting them as well. Flowlines and roughness grow across the die as the lines and repunching fade, the ones at the neck, chin, and nose the first to disappear into the roughness. The lines down from the earlobe remain visible except when the low spots blunt that area. The horizontal line inside the triangle of the 4 becomes weak and dull but remains visible. Latest has a flowline from the right end of the base of the 4 to the center of a dentil below.

REVERSE: **Lines at different angles down to left inside right top of N in CENT. Small lump over right top of E in ONE.** Lines down to right from dentils over NI in UNITED, some reaching right top of the N. The lines at NI disappear first; the ones at N in CENT fade and disappear late as the fields become flowlined and the details blur. The lump over E in ONE remains visible in latest state.

RARITY 2- (Two dozen seen in mint state; ten of those show a significant amount of mint red, four others have traces of mint red still visible. Five are in die state **a**. Three examples of this variety in virtually full blazing red came out of a small “hoard” of 1854 cents discovered in 1992, all three in state **b**.)

DIE STATES:

a. Lines from dentils over NI visible. (Very Scarce)

b. Lines from dentils over NI gone. (Some come with the obverse misaligned to K-1.)



1854

N-16



OBVERSE: (DRN 6 8 2 7 7 6) **Line up slightly to left of horizontal from upright of 1 just above base (most likely from repunching on the 1). A group of fine, short lines down to right from main curl over inner curl.** Hole in ear, but the lower half of the hole is filled with crumbling or tool marks so this appears to be a "no hole" variety. Right top of 5 is lightly imbedded into curl above. Heavy hub roughness at stars 2-3. Short lines up slightly to left from dentils at stars 1-2, strongest at star 2. Line up to left from upper lip to nose and this area is slightly raised and may be from die clashing. Earliest has smooth fields covered with fine polishing lines down slightly to right of vertical. All the lines gradually fade and disappear, the ones from the main curl the last to go. The fields become slightly rough, strongest at stars 1-6. Tiny lumps develop on face and neck, and some of these are present in earliest state. A strong flowline eventually closes the 5, and the latest state has a flowline connecting the left end of the base of the 1 to the left edge of a dentil.

REVERSE: **Two tiny points up to left from lower tip of C in CENT; another down to right from right side of that tip.** Earliest has smooth fields covered with fine polishing lines down to right and left inside wreath and below ERICA. Sharp examples show some tiny lumps scattered around the wreath, one close under left foot of N in ONE, and another under right side of E in CENT. Portions of the legend sometimes doubled from die bounce in early state. The points and lumps fade, but tiny remnants of the points at C remain visible in latest state.

RARITY 3+ (Nine seen in mint state; none of those show a significant amount of mint red, five have traces of mint red still visible. More than a dozen seen in About Uncirculated grades. Only two mint state examples seen in state a.)

DIE STATES:

- a. Lines from dentils at stars 1-2. Line from left side of 1 over base is clear. (Very Scarce)
- b. Lines from dentils at stars 1-2 gone. Line from left side of 1 dull.
- c. Line from left side of upright of 1 gone.



1854

N-17



OBVERSE: (DRN 5 8 4 9 6 5) **Short dash down to right under E; two fine lines connect tops of RT, the bottom line stronger. Dull line under right pendant of T.** Without hole in ear. Earliest has smooth, reflective fields covered with fine vertical polishing lines, strongest over head and before forehead, and short lines up to right at different angles from dentils at stars 2-4. In this earliest state there are multiple fine die clashmarks at the throat and inner curl. The lines at the dentils disappear quickly as the fields become rough and flowlined; the clashmarks disappear soon after. The date digits move farther from the bust and curls as those numerals become weak and mushy. (The unusually weak date is a feature that can help identify this variety in the later states.) The right end of the base of the 4 becomes strongly connected to the center of a dentil by a wide flowline. The left end of the base of the 1 is connected to the right side of a dentil by a thinner flowline. The lines and dash at ERT fade but remain visible.

REVERSE: **Point up to right from right top of O in ONE.** Other weaker points up to right from right top of O & N in ONE and left top of N in CENT. Small point to right from right side of N in ONE. Earliest has lapping lines down slightly to right covering reflective fields, with some very strong lines at NITED-ST and wreath below. Earliest also has triple clashmarks at left top of O in ONE. The fields quickly become rough and flowlined and the lapping lines disappear; the clashmarks disappear later. Most of the points are gone late, but a remnant of the strong one from the right top of O in ONE remains visible. Develops die crack from the dentils over O in OF through bottom of S to leaf under ES. Later this crack extends around left side of wreath and emerges from ribbon passing to dentils below. The legend is weak and blurry late. Early state often has strike doubling on ONE CENT, strongest inside right side of O.

RARITY 1 (Twenty seen in mint state; seven show a significant amount of mint red, five others have traces of mint red still visible. Many seen in About Uncirculated grades. Only three mint state examples seen in state a, and one of those has reflective fields.)

DIE STATES:

- a. Short lines from dentils at stars 2-4. Strong lapping lines at NITED. (Rare) (Earliest has reflective fields. Some have low spots on the cheek and neck.)
- b. Lines from dentils at stars 2-4 gone. Lines at NITED dull but visible.
- c. Lines at NITED gone. Date weak and blurry. Crack at S-O to wreath & dentils.
- d. Crack extends down from wreath ribbon to dentils.



1854

N-18



OBVERSE: (DRN 7 9 5 7 6 5) **Point of curl is clearly right of the 8, which is diagnostic.** Hole in ear with a line down very slightly to right of vertical inside the hole. Strong lump on neck over tip of curl. The usual hub defects at stars 2-3 are stronger than normal. The dies clash rather early leaving strong double clashmarks, the strongest of these are two lines down to left from the jaw, a line joining the nose tip to the upper lip, and a dull line or shelf from the inner curl up to right to main curl. The fields become flowlined and slightly rough, but the clashmarks remain visible. Latest has a strong flowline closing the 5.

REVERSE: Earliest has smooth fields and many fine lines down to left on the right side, strongest from the leaf at E in ONE and right of T in CENT. The dies clash rather early leaving multiple clashmarks, strongest at O in ONE, right of E in ONE, below RI, and from second A in AMERICA through stem to ribbon. (These clashmarks, both on the obverse and reverse, are not even close to the normal alignment. That's why they are in such unusual places and odd shapes.) The lines at E in ONE and T in CENT fade and are gone in latest state, the lines at E the last to go. Latest is rough and flowlined and the clashmarks are dull but still clearly visible.

RARITY 2+ (Twenty seen in mint state; three of those show a significant amount of mint red, eight others have traces of mint red visible. Many more seen in About Uncirculated grades. Only two mint state examples seen in state a.)

DIE STATES:

- a. Dies unclashed. Lines at E in ONE sharp. (Very Scarce)
- b. Dies clashed. Lines at E in ONE still visible. (Scarce)
- c. Clashmarks dull. Lines at E in ONE gone.



1854

N-19



OBVERSE: (DRN 1 1 7 4 1 4) **Point of curl left of center of 8 (see N-1).** Nearly always cracked from dentils at star 3 across to dentils at star 9. A few uncracked examples are known, but the full crack occurs very early (not in segments as seen for some bisecting cracks). The crack is light but clear early. In latest state the crack is strong and the field above the crack is lower than the field below the crack. Large round hole in ear. The fields develop light flowlines and the lowest curls are sometimes blunted by low spots. Latest has a rim cud below 184.

REVERSE: (Same as N-28, later) **Dull point to right from leaf under left side of O in ONE.** May come unclashed, but earliest seen has a dull clashmark up to the left from the left top of N in CENT (from multiple, slightly offset die clashings with the ear hole). Portions of ONE CENT are often doubled from die bounce (machine doubling). Comes with the reverse rotated 45, 90, 110, and 115 degrees counterclockwise (all extremely rare).

RARITY 3 (A dozen seen in mint state; four of those have a significant amount of mint red remaining, four others show traces of mint red. Eight more seen in About Uncirculated grades many in Extremely Fine grades. All the mint state examples seen are in state **b**. The finest example seen in state **a** grades Extremely Fine.)

DIE STATES:

- a.** Obverse uncracked. (Extremely Rare)
- b.** Obverse cracked. (Comes with reverse rotated 45, 90, 105, 110, and 115 degrees CCW. Examples with rotated reverses are extremely rare.)
- c.** Obverse crack is very strong, and the field above the crack is lower than the field below the crack.
- d.** Rim cud below 184. (Extremely Rare)



1854

N-20



OBVERSE: (DRN 4 7 4 1 3 4) **Top of a stray 1 is heavily punched into and above dentils under right side of 8.** Hole in ear is bisected by a strong line down slightly to right of vertical, and that line extends down from the earlobe (see N-14). Another line down at same angle from left side of earlobe. Heavy lump on lower part of neck. Crisscrossed lines and points at inner curl and main curl above. Line up to left connects upper portion of neck to jaw at throat. Points down to left from top of neck, one from bottom. The fields become increasingly rough from flowlines as the points and lines fade and the weaker ones disappear. The stray 1 at the dentils under the 8 fades and becomes faint but remains visible. The strong line down through the ear hole and earlobe remains clear. (Once reported to have a rim cud over star 6 in the latest state. This proved to be a planchet flaw on an example in the Reiver collection.)

REVERSE: (Same as N-3, later) Small lump on right top of N in CENT. Very short, dull points up to left from right top of N in UNITED. Fine line up to left from outside berry below AM. Flowlines and roughness grow through legend and the points and line disappear. The small lump on N in CENT remains visible, but it is weak. Latest has the field rising slightly around lower half of wreath and legend.

RARITY 3 (Twenty seen in mint state; ten of those show a significant amount of mint red, four others have traces of mint red remaining visible. Many seen in About Uncirculated grades.)

DIE STATES:

- a. Line connects top of neck to jaw at throat.
- b. Line at throat gone.



1854

N-21



OBVERSE: (DRN 4 7 6 1 5 4) (Same as N-30, earlier) **Repunching below and very slightly to left under 185, strongest a horizontal line under base of 1.** Fine vertical lines close under eye; other lighter ones before eye. Tiny lumps on neck, bust, and cheek. Heavy line up to right connects top of inner curl to main curl. Hole in ear. Earliest seen has delicate clashmarks (seen as straight lines) down to left from inner hair bun and close behind main curl. Flowlines and minor roughness develop around stars, strongest on lower half of die. Latest has the repunching under 185 faint, reduced to dull shadows but still visible. The lines at the eye become dull and barely visible and a strong flowline connects the left end of the base of the 1 to a space between dentils (but coming close to the right edge of a dentil). The fine clashmarks behind the head remain visible.

REVERSE: Earliest seen has fine clashmarks right of E in ONE and T in CENT. Sharp examples show a few tiny lumps on body of upright of first T in STATES near base. The fields are smooth early but become flowlined and rough, mostly outside the wreath. The clashmarks fade but portions remain visible at the right top of T in CENT. Latest also has flowlines up from top edges of MER.

RARITY 2 (More than two dozen seen in mint state; thirteen of those have a significant amount of mint red showing, seven others have traces of mint red. No mint state examples seen in state **a**, two in state **c**.)

DIE STATES:

- a.** Repunching below 185 clear. Dies unclashed. (Unknown and **may not exist**. I examined one lower grade example that appears to be unclashed, but I need a sharper example to confirm the die state.)
- b.** Repunching under 185 clear. Delicate clashmarks on obverse and reverse.
- c.** Repunching below 185 dull, faint under 85. Flowline connects left end of base of 1 to space between dentils. (See N-30)



1854

N-22



OBVERSE: (DRN 4 5 5 4 6 8) **Short, strong lines up from hair under right side of E not reaching that letter (see N-7). Dull lump on top of inner hair bun.** Line up slightly to right of horizontal at right top of the 4 not quite touching the upright. Short point down to left from lower lip. Without hole in ear. Earliest has smooth fields covered with fine polishing lines down very slightly to right of vertical, clearest around the inner curl and date, but these disappear quickly. The line at the right top of the 4 fades and becomes dull before disappearing as the fields become rough and flowlined. The point from the lower lip becomes a root for a flowline. A flowline grows from the right end of the base of the 4 to the space between dentils, and a double flowline connects the left end of the base of the 1 to the space between dentils. Another flowline connects the tip of the curl to the top of the 8. The ear, surrounding hair, cheek, and parts of the neck are usually blunted by low spots, and examples without any low spots are rare. The lump on top of the inner hair bun and lines under E remain visible.

REVERSE: Small lumps on upper left and inside left side of C in CENT. Earliest has smooth fields covered with fine nearly vertical polishing lines covering the fields, strongest at UNIT and inside the wreath. These polishing lines disappear quickly. The lumps on C remain visible as the fields become rough and flowlined, but the lumps are weak and barely visible in latest state. The legend weakens outside the wreath, especially at D STATES. Often has some low spots inside wreath. (Note: Newcomb reported this variety came with the reverse rotated 90 degrees clockwise, but all rotated examples have turned out to be N-27. A rotated example of N-22 is unknown.)

RARITY 3+ (Fifteen seen in mint state; seven show a significant amount of mint red, five have traces of mint red still visible. More than a dozen seen in About Uncirculated grades. Four of the mint state examples are in state **a** early with the line at 4 sharp.)

DIE STATES:

- a.** Line at right top of 4 visible. The line is sharp early (Very Scarce), and dull later (Scarce).
- b.** Line at right top of 4 gone.



1854

N-23



OBVERSE: (DRN 4 6+ 5 2 5 6) **Bottom edge of curl over 5 is scalloped.** Sharp examples have lumps on the jawline and cheek and an irregular line (most likely a die scratch rather than a crack) down from the eye to the throat. Hole in ear. Strong hub roughness at dentils over star 5. Small spur to left from left side of E. Fine line up to right from star 11 to dentils below star 10. Earliest also shows fine repunching along the lower edge of the peak of the 1. The line up from star 11 fades and disappears. The dies clash during the marriage leaving a fine line up to right from inside the tip of the inner curl, but this line fades and disappears. The irregular line or crack down the cheek fades as the die wears and it is faint in latest state. A flowline develops connecting the left end of the base of the 1 to the right top of a dentil. The small spur on the E and scalloped feature on the curl over the 5 remain clear.

REVERSE: (Same as N-30, later) **Two fine parallel lines join last outside leaf to top of stem near ribbon.** Lines from dentils in various directions over N and ED in UNITED. Large lump on right side of body of A in STATES. The lines from the dentils fade and disappear as flowlines create roughness, strongest outside the wreath. These flowlines become strong, especially on the upper half of the die where the field begins to rise around the legend. The dies clash leaving fine clashmarks right of E and T in CENT, but the clashmarks fade and only traces remain in the latest state. Later states also have a dull, wide line or wave extending down from the leaf under the right foot of the second A in AMERICA. The two fine lines from the last leaf to the stem remain visible, although they are faint.

RARITY 2 (Twenty seen in mint state; six have a significant amount of mint red, seven have traces of mint red still visible. Many seen in About Uncirculated grades. Only one mint state example seen in die state a.)

DIE STATES:

- a.** Line up from star 11. Lines from dentils over N and ED in UNITED. (Rare)
- b.** Lines at star and dentils gone. Reverse usually shows clashmarks up from right top of T in CENT.



1854

N-24



OBVERSE: (DRN 4 5 5 4 6 6) **Horizontal lines in space right of Y, strongest one from the right foot of Y.** Hole in ear with a strong line up to right in bottom of hole. Line down to right of horizontal from earlobe. Short line down from space between dentils over star 5 (remnant of a hub defect seen on some other dies, including N-8, 26, and 27.) Short lines at various angles from dentils at stars 2, 3, and 10-11. Earliest has smooth fields covered with fine polishing lines down slightly to left of vertical, strongest behind head and around date. The polishing lines disappear quickly; the lines from the dentils disappear soon after as the fields become flowlined and slightly rough, strongest at the stars and date. The lines at the ear and Y remain clear.

REVERSE: Horizontal line inside top of E in CENT. Fine lines down to right from dentils to tops of NIT; another down to left from dentils to right top of D. Short line and point down from bottom of O in ONE. Line from left foot of M to leaf below. The lines at NIT and D disappear quickly, the others fade and disappear later as the fields become slightly rough. A crack forms from the dentils over A through MER, strongest at M.

RARITY 3 (One dozen seen in mint state; two of those show a significant amount of mint red, six others have traces of mint red still visible. More than a dozen seen in About Uncirculated grades. Only two mint state examples seen in state a.)

DIE STATES:

a. Reverse uncracked. (Very Scarce)

b. Cracked from dentils to MER. (This crack forms rather early while a few diagonal lines are still visible in the field right of the hair bun as well as some of the other lines from the dentils at stars 1-3.)



1854

N-25



OBVERSE: (DRN 4 6 3 2 4 7) A couple points down to right from main curl, the right point stronger. Large wedge-shaped spike down from curl just left of star 13 (actually the serif of the crossbar of a stray 4 punched into the curls). Small lump at right top of L and a larger one between T & Y. Backwards "C" on cheek right of mouth. Without hole in ear. The dies clash very early leaving strong clashmarks at the chin and throat, and the clashmark at the throat is covered with lines down to right. The fields quickly become flowlined, strongest at date and stars 1-3. The surfaces become rough and the details a bit blurry. Small lumps form on the neck and face. Flowlines eventually blend the tip of the coronet into the field. The clashmark from the chin remains visible, although blurry, as the other clashmark and spike down from the curl left of star 13 fade into the roughness. The right point down from the main curl remains visible in latest state, as do the lumps at L and TY. The date reference number is 4 6 5 2 4 7 in latest state. Obverse sometimes misaligned to K-1.5 and K-11 in various die states.

REVERSE: Early state has smooth fields covered with fine polishing lines down to left, clearest inside the wreath, plus other lines at different angles at NITED ST, the strongest of these from the berry at IT to the left foot of that I and another through the top of ST into the field at left. Tiny lump in the field over left top of T in CENT. The dies clash very early leaving a strong clashmark at the bottom of the leaf over O in ONE. Flowlines and roughness develop in the fields as the lines and lump fade and disappear. A subsequent lapping removes some of the roughness and leaves new vertical polishing lines inside the wreath, but these disappear. Develops a small lump on the right base of N in ONE and another on the right top of T in CENT. The lumps on N and T remain visible.

RARITY 3 (Eighteen seen in mint state; seven show a significant amount of mint red, three others have traces of mint red still visible. Many others seen in About Uncirculated grades, Only two mint state examples seen in state a.)

DIE STATES:

- a. Obverse unclashed. (Very Rare)
- b. Both dies show clashmarks, although they are weak in latest, flowlined state.



OBVERSE: (DRN 3 5 3 4 6 7) (Same as N-29, earlier) **Tiny elongated lump in space right of Y.** Fine, slightly curved line up to left from fourth inside bead down from the top. This line almost touches the left bottom edge of the third bead (down from the top) and passes into the hair at left. (The line is not shown on diagram.) Hole in ear, but its bottom is not flat and there is an elongated lump in the upper left edge of the hole. Blunted point down from space between dentils over star 5 (remnant of a hub defect also seen on N-8, 24, and 27). The date is lightly punched into the die. Fine flowlines develop over the fields, but the roughness never becomes severe. The lumps and lines remain visible. (See N-8)

REVERSE: Shallow, elongated lump on left top of C in CENT. Point to right from wreath stem under left foot of I in AMERICA. Tiny lumps on rim over I in UNITED visible on sharp examples. The fields become covered with light flowlines and minor roughness develops, strongest at UNITED STA. The lump on C and point from the wreath stem under I in AMERICA remain visible. (No clashmarks. See N-29.)

RARITY 2+ (More than three dozen seen in mint state; ten show a significant amount of mint red, seven have traces of mint red remaining visible.)

DIE STATES: All as above.

1854



(N-27)



OBVERSE: (DRN 4 5 3+ 4 6 8) The inner ear is shaped like a comma (no hole), and it comes to a sharp point at the bottom. Horizontal bar on bust over left side of 8 (the top of a stray 1). Clashmark from center of nose into field; weaker clashmarks at throat and from front edge of coronet. Small dash (top of another stray 1) over left center of 8. Blunt line down between dentils over star 5 (remnant of hub defect seen on other dies, including N-8, 24, & 26). Earliest has smooth fields covered with fine polishing lines down to left at various angles, strongest behind the head. Most early examples have low spots blunting the neck, ear, and hair. A spur to the right forms very early from the top of inner hair bun. The fields become rough and flowlined. The bar on the bust and dash over the 8 fade and disappear, as does the line from the dentils over star 5. The clashmark at the nose and spur from the top of the inner hair bun remain visible. Latest has a flowline down from the left end of the base of 1 and right end of the base of the 4 to space between dentils. Sharp late examples show a small lump on neck just below jawline. The date reference number in this state is 4 5 5 4 6 8.

REVERSE: Spike down to right inside E in ONE emerges as a point from the right end of the base. Strong line to left from left top of O in OF; another down to dentils from tip of ribbon. Earliest has roughly vertical lines at slightly different angles covering fields, strongest at bottom of N in UNITED, at STATES, and through E in ONE. A line that looks a bit like a die crack through the top of MER is a remnant of one of these early polishing lines. Most lines fade and disappear as the fields become rough and flowlined, but the spike inside the E in ONE remains clear (although the extension from the right base disappears). Many later examples have the reverse rotated 70-80 degrees clockwise, but this orientation is corrected shortly before the end of the marriage. Often seen with strike doubling (machine doubling) on portions of the wreath and legend.

RARITY 3 (Eleven seen in mint state; five show a significant amount of mint red, four have traces of mint red visible. Ten more seen in About Uncirculated grades. Two mint state examples seen in state a, none in state d.)

DIE STATES:

- a. Lump in field over 8 clear. Without spur to right from top of inner hair bun. (Rare)
- b. Lump in field over 8 weak. Spur from top of inner hair bun. Reverse not rotated.
- c. Reverse rotated 75-80 degrees CW. Lump in field over 8 faint or gone.
- d. Lump in field over 8 gone. Reverse not rotated. (Very Rare)



1854

(N-28)



OBVERSE: (DRN 2 4 6 4 2 5) (Same as N-5, later, lapped) **Large hole in ear has a smooth, flat bottom. Entire die is weak and flowlined, especially at date and eye.** Small lump joins left center of base of Y to hair below. Right end of base of 4 is high over the center of a dentil. A strong flowline closes the 5; another not quite as strong connects the left end of the base of the 1 to the center of the top of a dentil. Earliest has the field at the throat smooth and reflective from a lapping between the marriages, but this area soon becomes matte.

REVERSE: (Same as N-19, earlier) **Relatively strong point down slightly to right of horizontal from leaf over left side of C in CENT.** Lighter point at same angle from inside that C. Two points up to left from left side of N in ONE. Earliest has fine polishing lines down to right at TES-OF-AME and vertical polishing lines in the field at O in ONE and C in CENT. The lines fade and disappear and the points at C and N become weaker, but the strong point from the leaf over C in CENT remains clear. Often has strong strike doubling on berries left of C in CENT with lighter doubling elsewhere on wreath and legend.

RARITY 5- (Three seen in mint state; one has a significant amount of mint red, the other two have traces of mint red still visible. One seen in About Uncirculated, three others in Extremely Fine grades, many in Very Fine grades.)

DIE STATES:

- a. Vertical polishing lines in field at O and C in ONE CENT.
- b. Vertical lines at O & C gone. (Scarce)



1854

(N-29)



OBVERSE: (DRN 3 5 3 4 6 7) (Same as N-26, later) **Raised clashmark fills field between tip of nose and upper lip.** An additional clashing during the marriage leaves some weak clashmarks in the field off the tip of the nose. Small, elongated lump in space right of Y. Hole in ear with an elongated lump inside the upper left portion of the hole. The date is weakly punched into die. The fields are always covered with light flowlines, and those fields are wavy in the latest state. Fine, slightly curved line up to left from left side of fourth inside bead down from the top. This line almost touches the left bottom edge of the third bead and passes into the hair at left. (Line not shown on diagram.) (See N-8) The clashmark under the nose tip is clear and diagnostic in all die states.

REVERSE: **Points to right from T in CENT, leaf under ER, and wreath stem under right foot of that R.** Clashmarks over left top of N in CENT, at leaf left of top of C in CENT, at left top of O in ONE, and from right top of T in CENT to right side of E in ONE. The clashmarks are single early, double later. Earliest has fine lapping lines in the fields from ENE to WSW covering the fields. The latest state has the clashmarks at O lapped away and the ones at T & E weaker but visible. Points down from left tops of E & N in CENT, the one from N strongest. Most of the points remain visible as the fields become slightly rough from fine flowlines, the points to right from the T in CENT clearest. The device details on the reverse always appear sharper (newer looking) than the obverse.

RARITY 3 (Fourteen seen in mint state; four of those show a significant amount of mint red, eight others have traces of mint red visible. Many seen in About Uncirculated grades. One of the mint state examples seen in state **c**, the rest are in state **b**.)

DIE STATES:

- a.** Single clashmarks at O in ONE and leaf left of C. No clashmarks in field off nose tip. (Rare)
- b.** Double clashmarks from **left** top of O in ONE and at leaf left of C in CENT. Dull clashmarks in field off nose tip. (Single clashmark up from **top** of O in ONE.
- c.** Clashmarks **to left** from left top of O in ONE gone. Obverse fields wavy.
- d.** Shallow rim cud below 184 (Extremely Rare)



1854

(N-30)



OBVERSE: (DRN 476154) (Same as N-21, later) **Dull, shadowy repunching under base of 1, the repunching under the 8 & 5 now lost in the flowlines. A flowline connects the left end of the base of the 1 down tangent to right edge of a dentil.** Hole in ear. Tiny lumps on neck, bust, and cheek. Fine clashmark lines down to left in field close to main curl. The coronet over LIB is a bit softly struck on all examples known.

REVERSE: (Same as N-23, earlier) **Two fine parallel lines join last outside leaf to top of stem near ribbon.** Fine lines down to left at different angles from dentils over ED; others down to left and right from dentils over N in UNITED. Lump on body of A in STATES over right foot. Sharp examples show fine lapping lines down to left of vertical covering slightly reflective fields with other lapping lines down to right at AMER. No clashmarks.

RARITY 5+ (Three examples seen in mint state; one of those has a significant amount of mint red visible, the other two have traces of mint red showing. One seen in About Uncirculated, two in Extremely Fine grades, and eight in Very Fine grades.)

DIE STATES: All as above. ***PHOTO***

Note: This variety was discovered in 1993; no new die varieties of 1840-1857 large cents have been discovered since then. I have examined 35 examples of 1854 N-30.

1855

Newcomb No.	Date	Reference No.
9	1 1 7 4 8 7	Italic 55
1	1 2 3 8 2 8	
2	1 2 5 8 6 8	
10	1 3 5 5 8 6	Italic 55
12	1 4 5 8 2 7	
3	1 4 6 8 1 4	
5, (13)	2 5 3 8 3 8	
4	2 5 4 8 7 8	
11	3 5 4 5 6 8	Italic 55, Proof Only
6	3 5 5 8 7 5	
7	3 6 5 9 5 6	
8	6 9 4 8 1 5	



1855

N-1



OBVERSE: (DRN 1 2 3 8 2 8) Upright 55. Spur to left from lower left side of 8. Fine line to right from Y turns sharply to right. Line of tiny lumps down to right from earlobe. Fine line down to left from eyelash. Lumps on front edge of nose at eyeball. Earliest has smooth fields with polishing lines down to left in field behind head, the strongest line tangent to the lowest curl. The lines in the right field fade and disappear quickly as the fields and portrait become very rough, strongest on lower half of die. Lapping late in the marriage smooths the fields and removes the spur from the 8. In the latest state, the lines from Y and earlobe, and the lumps on the nose remain visible, although weaker.

REVERSE: Lump on base of E in CENT. Lumps between dentils over left side of E in STATES. Earliest has fine lines at various angles from dentils to tops of ED STAT, strongest single line to right top of the first T. Fine polishing lines down to right cover the rest of the fields. The lines fade and disappear early as the fields become rough and flowlined, but not nearly as rough as the obverse. The lump on the base of E in CENT is always clear. Comes with the reverse rotated 20-45 degrees clockwise and 15 degrees counter clockwise.

RARITY 2+ (Two dozen seen in mint state; five of those have a significant amount of mint red showing, eight others have traces of mint red remaining visible. Only one mint state example seen in state a.)

DIE STATES:

- a. Point to left from 8 is sharp. Dull line up to right from lowest curl. Obverse fields are smooth.
- b. Point to left from 8 visible. Line from lowest curl faint or gone. Fields on lower half of die rough like fine sandpaper. (Reverse sometimes rotated 20-45 degrees CW.)
- c. The dies are lapped removing roughness from the obverse fields (but still present on the neck and bust). Point to left from 8 gone. (Reverse now rotated 15 degrees CCW.)



1855

N-2



OBVERSE: (DRN 1 2 5 8 6 8) **Upright 55. Elongated lump down to right between I & B.** Earliest has smooth fields that become only slightly matte before a lapping early in the marriage smooths the minor roughness and leaves lines down to right in the fields, including some strong ones from stars 10 & 11 to the dentils. These lapping lines fade and disappear as the fields develop minor flowlines and roughness. The lump at TB is always visible. Some seen with strike doubling on outer edges of stars 10-13.

REVERSE: Points up from inside bottom of O in ONE, left base of that N, left base of E in CENT, and left top of that E. Another point down from left side of O in ONE. Lump on left side of E in CENT. The points fade as the die wears and the fields become slightly rough, but the points at E in CENT remain visible, as does the lump on that E. Lapping during the marriage adds some vertical lines inside the wreath, strongest up from the junction of the N & T in CENT, but these fade and disappear as the die continues to wear.

RARITY 3 (One dozen seen in mint state; three have a significant amount of mint red showing, four others have traces of mint red still visible. Another dozen seen in About Uncirculated grades. Most of the mint state examples are in state **b**; two seen in state **a**, two more in state **c**.)

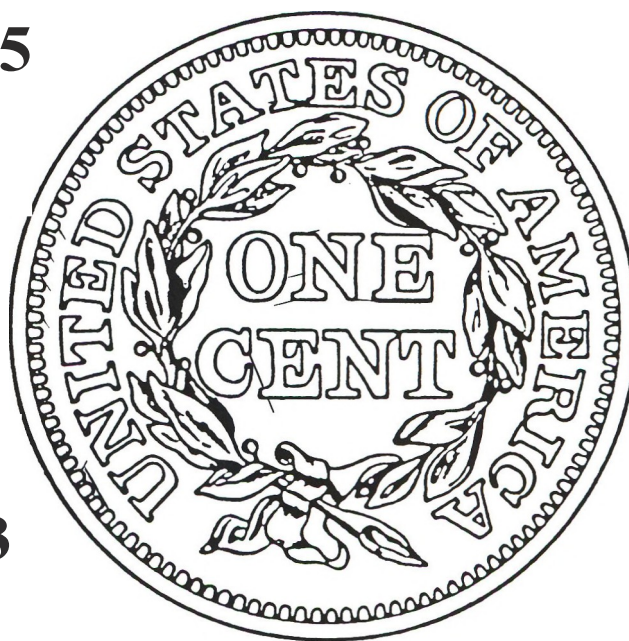
DIE STATES:

- a.** Dies new, fields smooth, reverse points sharp. (Very Scarce)
- b.** Lapping lines at stars 10 & 11. Reverse points sharp.
- c.** Lines at stars 10 & 11 gone. Reverse points weak but visible. (Scarce)



1855

N-3



OBVERSE: (DRN 1 4 6 8 1 4) **Upright 55. Strong parallel lines through ERTY.** Hole in ear with fine lines down to right of vertical inside the hole. Vertical line from inside tip of inner curl to curl above. Line to right from inner hair bun just below outer hair bun. A few short lines down to right under eye. Earliest has fine vertical polishing lines covering the fields, strongest behind head and neck, plus a short vertical spike from the dentils under star 11. These polishing lines disappear quickly as the fields become rough and flowlined, the spike from the dentils under star 11 the last to go. The lines at ERTY remain clear.

REVERSE: Strong line at dentil tips over UN; another through bases of TES extending slightly to left from the T. Two strong lines in dentils over I in UNITED. Fine lines to left and right at different angles from N in ONE, some reaching O and E. Other fine lines at dentils and wreath in early state. Earliest has fine polishing lines down to right in fields, strongest single line at CE in CENT. The lines at ONE disappear rather early; the other lines disappear later as the fields become rough and flowlined, the lines at U and I in UNITED the last to go. The legend outside the wreath is weak, especially at ITED STATES OF, in the latest state.

RARITY 1 (More than fifty seen in mint state; a dozen of those have a significant amount of mint red remaining visible, many others have traces of mint red showing.)

DIE STATES:

- a. Spike up from dentils under star 11. Fine lines at ONE.
- b. Spike from dentils and lines at ONE gone.



1855

N-4



OBVERSE: (DRN 2 5 4 8 7 8) **Upright 55.** Two relatively large lumps near jawline left of earlobe. Additional smaller lumps on cheek and neck; others between I & B. Two short points up to left from nose even with top of eye. Two fine points down to right from bottom of chin. Dull line down to right in space right of Y. The line in the space right of Y fades and disappears as the fields become flowlined. The points from the nose and chin disappear later. Latest has flowlined, wavy fields. The two strong lumps near the earlobe remain clear.

REVERSE: **Lump on right top of N in CENT.** Line down to left from left bottom of C in CENT to leaf. Line down to left inside bottom of N in CENT; another at different angle inside top of that N. The lines gradually fade and disappear, the one from C to leaf the last to go. Die cracks develop from the dentils through ST and TE in STATES, and through the bases of ES-OF into the field at right. Additional cracks form later from the dentils to D and through the tops of OF-AM. Develops a series of five rim cud breaks as outlined below. The fields become flowlined and wavy, but the lump on the right top of N in CENT remains clear.

RARITY 1 (At least two hundred seen in mint state, and many of those are full mint red (or nearly so). The vast majority of the mint state examples are in die state **a**, apparently from a large hoard. This variety of large cent is the easiest one to find in choice mint state condition.)

DIE STATES:

- a.** Reverse uncracked. (Many choice and gem mint state pieces from a **large** hoard.)
- b.** Die cracks through tops of ST and TE in STATES, bases of ES-OF. (Rare)
- c.** Rim cud break over E in STATES. (Very Rare) **PHOTO**
- c/d.** Crack on rim outlines next cud over second T in STATES (Extremely Rare)
- d.** Additional rim cud break over second T in STATES. (Rare) **PHOTO** (Seen with the obverse misaligned to K-1.)
- e.** Additional rim cud break at **either TA or the second T in STATES.** (Unknown)
- f.** Four rim cud breaks: E, second T, TA, **and** second S in STATES. Additional die cracks usually show at ED and OF-AM. (Very Scarce) **PHOTO**
- f/g.** Crack on rim outlines next cud over OF. (Rare)
- g.** Additional lighter rim cud over OF. (Rare) **PHOTO**



1855

N-5



OBVERSE: (DRN 2 5 3 8 3 8) (Same as N-13, earlier) **Upright 55. Two strong parallel lines up to right from top of inner curl to main curl;** a point up to right at same angle from near tip of inner curl. Tiny lump on temple and lower lip. Earliest has a strong, dull lapping line from the lowest curl to star 10, plus weaker polishing lines at same angle in the fields. The lapping line to star 10 fades and disappears, but the lines at the inner curl remain clear.

REVERSE: (Same as N-7, later) **Small lump or crumbling under left top of I in AMERICA.** Fine die cracks through tops of UNITE with an extension from the left top of N to dentils over I, and another fine crack from dentils over M to right top of M and through top of ERIC. Small lump on right edge of serif of C in CENT, inside the right top serif of that E, and on the body of that N near the bottom of the diagonal. The fields are flowlined and the legend outside the wreath is blurry from wear in the earlier marriage.

RARITY 5 (Three seen in mint state; one has a significant amount of mint red remaining, the other two have traces of mint red still visible. Three others seen in About Uncirculated grades, twelve in Extremely Fine grades, many in Very Fine grades. Most of the higher-grade examples are in state a.)

DIE STATES:

- a. Dull lapping line from lowest curl to star 10.
- b. Lapping line from lowest curl to star 10 gone. (Scarce)

Note: The lower portion of the obverse and upper portion of the reverse are **always** weakly struck relative to the rest of the coin. This was caused by non-parallel die faces. Because of this, the bottom of the date is often relatively weak.



1855

N-6



OBVERSE: (DRN 3 5 5 8 7 5) **Upright 55.** Raised area at dentils reaching into field under right side of second 5. The second 5 is strongly punched into die making it appear fat and tall. Short, sharp line up to right from right base of Y. Small horizontal dash over left center of a dentil just left of left end of base of 1. Earliest has fine polishing lines down to right covering the fields, strongest single line from the bust tip down to the lower loop of the 8. Dull, flat lump forms high on neck. Smaller lumps on edge of throat and bottom half of nose. The lapping lines, line at Y, dash, and raised area at the dentils all fade and disappear as flowlines and roughness grow over the surfaces, the line from Y the last to go. Develops a raised, wide outline (caused by die wear) along the profile at the bust and neck, eventually reaching up to the nose tip. The bloated look of the second 5 (when compared to the first 5) remains clear.

REVERSE: **Lump on top of E in CENT (see N-13).** Two small lumps in field over right side of Tin CENT. Earliest has fine polishing lines down to right in the fields, strongest on top half of die. The polishing lines fade quickly and the fields become rough and flowlined. The lump on top of E in CENT remains clear but the others disappear. Latest has the legend weak on the upper portion of the die, especially at STATES. Often seen with strike doubling on berries left of C in CENT.

RARITY 3 (A dozen seen in mint state; two of those show a significant amount of mint red, four have traces of mint red still visible. More than a dozen seen in About Uncirculated grades. Most of the higher-grade examples are in state b.)

DIE STATES:

a. Dash left of base of 1. (Rare)

b. Dash left of base of 1 gone.



1855

N-7



OBVERSE: (DRN 3 6 5 9 5 6) **Upright 55.** Date lightly punched into die. Tiny dash close over right foot of Y. Tiny lump on forehead, smaller ones on face and left of earlobe. Earliest has fine polishing lines down to left of vertical in fields, strongest behind head and at stars 10-12. The fields become lightly flowlined and a lapping during the marriage leaves fine lines down to right at inner curl. These lines fade and disappear. Latest has flowlined fields, a weak date (especially in center of digits), and a dull outline from die wear along the profile from bust up to chin (the outline is not as severe as seen on N-6.)

REVERSE: (Same as N-5, earlier) **Crumbling under left top of I in AMERICA. Lump on left top and right bottom of T in CENT.** Small point up from left top of E in CENT; another up from top of that T over right edge of upright. Many strong, slightly curved lines in dentils from tip of ribbon to over U (visible only between the dentils). Earliest has fine polishing lines down to right in the fields and small clashmarks over the left top of N in CENT (multiple impressions of the inner ear), but these lines disappear quickly, the clashmark later. The other lines and points fade as the die wears and becomes flowlined, and the points become small lumps on those letters. Develops a fine crack through the tops of UNI and the latest state has this crack extending up from the top of the N to the dentils with another very fine crack at MERIC.

RARITY 1 (Two dozen seen in mint state; three show a significant amount of mint red, eight have traces of mint red visible. Many seen in About Uncirculated grades. No mint state examples seen in state a.)

DIE STATES:

- a. Reverse uncracked. Clashmark lump over left top of N in CENT is clear. (Rare)
- b. Faint crack through top of UNI. Dull clashmark lump over N still
- c. Crack at UNI branches up from top of N to dentils. Clashmark over N faint.
- d. Crack up from N stronger. **Faint** crack at MERIC. Clashmark over N gone.



1855

N-8



OBVERSE: (DRN 6 9 4 8 1 5) **Upright 55. Strong lines up to right from top of inner curl to main curl.** Lines down to right at throat, earlobe, right side of eye, and junction of inner hair bun and main curl. Lumps on coronet over R. Large lump left of earlobe (flat early but gets much stronger) and smaller ones high on neck. Earliest has fine lines down to right covering slightly reflective fields, these lines clearest from dentils at stars 1-3, strongest at star 3. The lines at stars 1-3 disappear quickly as the fields become flowlined and rough, especially around date. The flowlines and roughness become severe and blend the coronet tip into the field. The lines at the throat are obscured by roughness in the latest state, but the ones at the eye and inner curl remain visible.

REVERSE: **Vertical lines up at right top of T in CENT;** other lighter ones down to left from leaf in same area. Strong lines down from dentils to top of TATE. Line up to right inside bottom of N in CENT. The lines fade and most eventually disappears the fields become rough and flowlined, but the vertical lines at the right top of T in CENT remain visible in latest state. The field rises around the legend outside the wreath creating an outline around all those letters. A few early examples have the reverse rotated 80-95 degrees counterclockwise (normal die orientation for this variety is about 25 degrees CCW).

RARITY 2 (A dozen seen in mint state; two of those show a significant amount of mint red, six others have traces of mint red visible. Many seen in About Uncirculated grades.)

DIE STATES:

- a. Lines down from dentils over TATE. (Some have the reverse rotated 80, 85, or 95 degrees CCW.)
- b. Lines from dentils over TATE gone. Field rising around reverse legend. Fields rough, the obverse roughness severe in latest state.



1855

N-9



OBVERSE: (DRN 1 1 7 4 8 7) **Italic 55.** Point of curl slightly left of center of 8. The "knob-on-ear" variety. Earliest has lumps on coronet over left side of R and a lump on bottom edge of main curl over tip of inner curl. Tiny line down to right in recess under eye. Earliest has fine polishing lines down slightly to left of vertical in the fields, strongest behind the head. May come without any cracks at the bases of RTY, but the earliest seen does have some fine spidery cracks from the foot of R across the hair to over the ear and from the base of the T to the left foot of Y, branching from the base of the Y down to the hair and down to the ear. These cracks become the genesis for a lump that gradually grows into a large raised mass covering the base of the T and a portion of the ear, with a finger forming later under the Y and merging into the huge lump shown in the diagram. (Note: Only the major stages of the knob break are outlined below.)

REVERSE: Earliest has a fine die polishing lines down to right covering the fields, strongest at S-OF-A, but these disappear quickly. Small lumps on body of E's in ONE CENT. Lapping during the marriage (when the knob under T is fully raised) removes the lines at S-OF-A and leaves a line down to right through the left bottom of N in CENT. This line also fades and disappears.

RARITY 1 (More than fifty seen in mint state; twenty of those show a significant amount of mint red, many others have generous traces of mint red still visible. Most of the mint state examples are in states **d**, **e**, and **f**. Only a couple seen in states **b** and **c**, none in **g**.)

DIE STATES:

- a. Uncracked at RTY. (Unknown and may not exist.)
- b. Fine cracks at bases of RTY.
- c. Cracks outline the knob break under T.
- d. Knob cud under T rises.
- e. Branch of additional knob under Y is outlined by cracks but not raised.
- f. Branch of knob under Y rises. (Seen with a large low spot covering the lower half of the portrait.)
- g. Section between knobs under T and Y fills in as shown on diagram. (Extremely Rare)



1855

N-10



OBVERSE: (DRN 1 3 5 5 8 6) **Italic 55. Point of curl right of center of 8. Strong point down to left from front edge of coronet.** The fields are reflective in the early state, lightly flowlined and slightly wavy in the latest state. The point from the coronet becomes dull but remains clearly visible. Early in the marriage, while the fields are reflective, star 6 becomes very weak due to die clogging. Very soon after, while those fields are still nicely reflective, additional clogging (grease and crud on the die) severely weakens star 1, eventually extending to the bust tip, 18, and into the surrounding field. These low spots sometimes are quite large and deep (see lot 647 in Holmes sale, Goldberg 1/30/2011). The die was then cleaned and it appears the proof strikes were struck from these freshly cleaned and polished dies (rather than at the beginning of the marriage). It is extremely difficult to differentiate between the proof strikes and the business strikes that were struck immediately following the proofs.

REVERSE: The fields are reflective early and have some very fine polishing lines at various angles at STATES OF, strongest single line from the dentils down to the left side of O in OF. These lines are slightly stronger on the early examples with clogging at star 6 (or both stars 6 & 1) than they are on the proof strikes, and the relative strength of these fine lines is what leads me to conclude the proofs came later. These polishing lines fade and disappear soon after the last of the proof strikes and the fields become matte. A strong line is added connecting the A and T in STATES plus a wide line (or raised wave) connecting the tops of ES. These added lines fade and disappear. The latest state has the field inside the top of E in ONE slightly raised and the fields flowlined and slightly wavy.

RARITY 1 (R5 as a proof) (Nearly a hundred seen in mint state; many of those show a significant amount of mint red. Most of the mint state examples are in the two earlier die states and have reflective fields. The rarest die state **in mint state condition** is e.)

DIE STATES:

- a. Smooth reflective fields (could be before or after the clogged-star states).
- b. Star 6 clogged and often faint. (so-called 12-star version) (Rare)
- c. Star 6 clogged; star 1 partially clogged. (so-called 11 & 1/2 star version) (Rare)
- d. Stars 6 & 1 clogged. (so-called 11-star version) (Very Rare)
- e. Clogging repaired; stars complete. Fields matte. (Seen with a low spot at 855 and the curl above.)



1855

N-11
PROOF ONLY



OBVERSE: (DRN 3 5 4 5 6 8) **Italic 55.** Proof only. The only Italic 55 variety with the tip of the bust right of the tip of the peak of the 1. Small, dull point up from head under left side of star 8. Dull points down to right from lower points of star 7. Two points down to left from curl below ear.

REVERSE: Line down to left inside lower portion of N in ONE. Small round lump on body of right side of A in STATES. The line and lump are always clear.

RARITY 6-

DIE STATES: All as above.



1855

N-12



OBVERSE: (DRN 1 4 5 8 2 7) **Upright 55. Strong, short horizontal bar to right from curl over second 5.** Fine, short lines down to right at top of inner curl. Earliest has fine polishing lines down to left in the fields, strongest at the throat and date, but these disappear quickly. The lines at the inner curl also disappear quickly as the fields become flowlined and rough. The bar to right from the curl over the second 5 becomes dull but remains visible.

REVERSE: Small lumps on edges of many letters, strongest on base of T in UNITED, left upright of first A in AMERICA, left bottom of O in ONE, left up upright of N in ONE, and left side of upright of T in CENT. The fields become rough and flowlined. The strongest at NITED STAT. The lumps on ONE CENT remain visible but the others fade into the flowlines and roughness. Low spots frequently seen inside the wreath in state **a**.

RARITY 1 (Two dozen seen in mint state; nine of those show a significant amount of mint red, seven show traces of mint red. Most of the mint state examples are in state **b**.)

DIE STATES:

- a.** Lines down to right at inner curl. (Scarce)
- b.** Lines at inner curl gone. Fields flowlined and slightly rough.



1855

(N-13)



OBVERSE: (DRN 2 5 3 8 3 8) (Same as N-5, later, lapped) **Upright 55.** Tiny point s up to right from inner curl, but these are usually lost in the roughness and flowlines always present in this marriage. The earliest state has fine lapping lines down to right in the fields, strongest single line from the top of the outer hair bun through star 10, but these disappear quickly as the fields grow more flowlines. Tiny lump on the lower lip and the other on the temple (seen in the earlier marriage) are very faint due to the roughness.

REVERSE: Lines down to right from right top of E in ONE. Strong lump on top of E in CENT (see N-6). Other smaller lumps on right top of O in ONE and left side of E in CENT. Earliest examples have strong polishing lines down to right covering the fields (parallel to the ones at the right top of E in ONE), strongest at ON and inside the bottom of E and right side of T in CENT. Most of these lines fade and disappear as the fields become rough and flowlined, but the one inside the E in CENT and others at the right top of E in ONE remain visible in latest state, although a bit dull. The lump on top of E in CENT remains clear.

RARITY 3 (Ten seen in mint state; four show a significant amount of mint red, two others have traces of mint red still visible. Eight seen in About Uncirculated grades, many in Extremely Fine grades.)

DIE STATES:

- a.** Polishing lines down to right cover reverse fields. Fields smooth. (Scarce) (Seen with the obverse misaligned to K-8.)
- b.** Polishing lines gone except for ones at right top of E in ONE and inside bottom of E in CENT. Fields flowlined.

1856

Newcomb No.

Date Reference No.

Italic 56

18	1 5 4 7 2 8	
1	1 5 4 7 3 6	
(21)	1 5 5 8 3 8	
14	1 5 5 8 5 8	
2	1 5 5 9 3 9	
19	1 5 6 8 2 6	
16	1 6 6 8 4 5	
(22)	1 7 5 8 1 6	
3	2 7 3 7 7 8	
17	2 7 5 8 8 6	
4	3 7+ 5 8 8 5	
5	3 8 6 9 7 6	Proof Only
13	3 9 5 8 7 6	

Upright 56

7	4 5 3 7 2 5	Hole in ear
6	4 5 5 7 6 7	
12	4 6+ 3 8 1 4	Hole in ear
8, 20	4 7 4 9 8 4	
9	6 7+ 3 7 8 6	
10	6 8 3 7 8 6	
11	7 9 4 8 7 5	

Varieties Delisted

N-15 Late state of N-16



1856

N-1



OBVERSE: (DRN 1 5 4 7 3 6) **Italic 56.** Strong lines down to right close under right side of eye. Points up to left from hair and coronet under star 6. Fine line down to right in space right of Y; a small lump under this line. Earliest has some fine polishing lines down to left from neck and to right from the inner curl, but these are faint and disappear very quickly. The fields become rough and flowlined and are very rough in the later states. The lines under the eye become a bit dull but remain visible, as do the line and lump in the space right of Y. The date is weak in latest state from die wear and lapping, the 5 especially weak.

REVERSE: Earliest has fine lines down to right at different angles from dentils to tops of UN. Dull point or lump inside right top of O in ONE and up from left foot of the adjacent N. The lines at UN disappear quickly as the fields become rough and flowlined. The lumps or points at ON fade and are barely visible late. Die wear and lapping weaken the legend and the top half of the second S in STATES is barely visible, virtually gone, in the latest state. Develops a series of 6 rim cud breaks in the sequence outlined below. For die state e some claim the third rim cud is over the D, but a credible example has not been seen.

RARITY 1 (More than fifty seen in mint state; fifteen of those have a significant amount of mint red visible, many others have traces of mint red showing. Most of the mint state examples are in state b.)

DIE STATES:

- a. Lines from dentils to UN visible. (Scarce)
- b. Lines at UN gone.
- c. Rim cud break at ST. (Extremely Rare) **PHOTO**
- d. Additional rim cud break at AT. (Very Rare) **PHOTO**
- e. Additional rim cud break at **either D or** second S in STATES. (Unknown)
- f. Rim cuds at ST, AT, D, and second S in STATES. (Total of 4 cuds) (Extremely Rare) **PHOTO**
- f/g. Four rim cuds **plus** a shallow retained cud break over E in STATES (Unique)
- g. Additional rim cud break at E in STATES. (Total of 5 cuds) (Very Rare) **PHOTO**
- h. Additional rim cud break under ribbon. (Total of 6 cuds) (Unique) **PHOTO**



1856

N-2



OBVERSE: (DRN 1 5 5 9 3 9) **Italic 56.** Fine crack down from dentils touches left point of star 8 extending down to hair below (the crack is visible only between the dentils in the earliest state). Short, slightly bent line up to right in hollow right of upper lip. Lapping early in the marriage weakens the crack a bit (but it remains visible) and adds fine lines down to right, strongest from tip of nose to upper lip, at throat, and from top of main curl. These lines disappear as additional fine cracks develop at stars 3, 4, and 11-12. Another lapping weakens the cracks temporarily and leaves fine vertical lines in the fields, strongest up to dentils from upper point of star 4. These polishing lines fade and disappear as the cracks become stronger. The crack at star 8 remains visible. Some late examples have a long low spot weakening LI and extending down the portrait to the 8 in the date.

REVERSE: Small lump on left base of N in ONE; another at junction of upright and left base of T in CENT. Earliest has fine polishing lines up to right at RIC, strongest line at left side of I. The lines disappear quickly as the fields become rough and flowlined. A lapping during the marriage adds lines down to the right in the fields, strongest at the feet of AM. A later lapping adds fine vertical lines to the fields, but these disappear as well. Latest is rough with the legend outside the wreath weak and the field starting to rise at NITED STATES.

RARITY 1 (More than two dozen seen in mint state; eleven of those have a significant amount of mint red remaining visible, seven have traces of mint red showing. Only three mint state examples seen in state b.)

DIE STATES:

- a. Uncracked obverse. (Unknown)
- b. Cracked from dentils to star 8. (Scarce)
- c. Polishing lines down to right at nose tip, throat, and top of main curl.
- d. Lines faint or gone. Additional fine cracks at stars 3, 4, and 11-12. (Seen with a large low spot right of eye down to 8 and bust tip.)
- e. Sharp vertical line up from top of star 4; other weaker ones on obverse and reverse.
- f. Lines gone. ED-STATES weak. (Seen with a low spot covering the neck and 8.)



1856

N-3



OBVERSE: (DRN 2 7 3 7 7 8) **Italic 56.** A die crack circles around inside ear causing a section to rise, and extends along the jawline to the chin and field through star 2 to the dentils at left. Fine, nearly vertical polishing lines are added to the fields, strongest at chin and neck. These polishing lines fade and disappear as another crack forms from the dentils through the 1 and up the bust and neck to the earlier crack in the ear completing a "wishbone crack." The cracks become stronger and the section of the ear outlined by the cracks rises as minor flowlines develop in the fields. The tip of the coronet is often weakly struck in later states. Latest has a rim cud break from star 12 to star 13.

REVERSE: Fine line down to left from dentils to right top of I in UNITED. Dull clashmark up to left from left top of N in CENT. The fields become slightly rough from flowlines as the line and clashmark disappear. A crack forms rather early from the dentils through the top of AM. Another crack forms through the bases of TAT and ES to the rim over F where it joins the first crack. Latest has an additional crack from the F up to the junction of the other two cracks. Bottom portion of the wreath often weakly struck in late state.

RARITY 1 (Eighteen seen in mint state; eight show a significant amount of mint red, seven have traces of mint red remaining visible. Only three mint state examples seen in state **b** and state **g**.)

DIE STATES:

- a. Obverse uncracked. (Unknown)
- b. Crack in ear across jaw through star 2 to dentils.
- c. Crack up through 1, bust, and neck joins crack at ear.
- d. Crack from dentils through AM.
- e. Crack through TATES to rim over F.
- f. Crack up from F to rim.
- g. Rim cud break from star 12 to star 13. (Very Scarce) **PHOTO**



1856

N-4



OBVERSE: (DRN 3 7+ 5 8 8 5) **Italic 56.** Points up slightly to right of horizontal from bottom of inner hair bun and main curl just below. Smaller points up to right from lowest curl near inner curl. Dull point up from nose even with eye (slightly lower on the nose than the point on N-22). Dull lump on neck close to middle curl. Develops flowlines and roughness and minor crumbling creates stubble on the bottom edge of the chin. The points from the lowest curl fade and disappear; the others fade but remain visible, the ones from the main curl just below the inner hair bun clearest. Sometimes seen with deep low spots severely blunting many details.

REVERSE: Line down from base of F to leaf below; a weaker one at similar angle from the dentils over the first S in STATES. These lines fade and disappear, the one from F the last to go. The earliest examples have additional fine polishing lines in the fields at the same angle as the two lines mentioned, but these disappear quickly as roughness and flowlines form, strongest outside the wreath. Lump on body of leaf under E in STATES. Latest has the tops of that legend weak, but the lump on the leaf under E remains visible. Strike doubling (machine doubling) sometimes visible on the diagonals of the N's in ONE CENT.

RARITY 3 (Ten seen in mint state; three show a significant amount of mint red, three others have traces of mint red still visible. Only one mint state example seen in state **a**. A dozen seen in About Uncirculated grades.)

DIE STATES:

- a.** Line from base of F to leaf. (Very Scarce)
- b.** Line from base of F gone.



1856

N-5
PROOF ONLY



OBVERSE: (DRN 3 8 6 9 7 6) *Italic 56. Proof only. Fine lines down to left at TY and on neck just below earlobe.* The face and neck are rough, like fine sandpaper, with numerous tiny lumps and die scratches scattered over Miss Liberty, the strongest ones shown on diagram. The die has been very heavily lapped and the depth of field is less than normal, so shallow that there is a void where the bust joins the neck. The excessive lapping and "weathered" look of Miss Liberty lead me to believe this may be a die that saw extended storage prior to its use, and it is quite possible this variety was struck sometime after 1856, perhaps several years after. The fields on these proofs are highly reflective with deep mirrors (when not impaired after striking, of course).

REVERSE: (Same as N-3 of 1857) **E in ONE has defects at its right top and under the serif of the crossbar, possibly remnants of another letter.** Many lumps scattered about the wreath, strongest left of O in ONE, left of C in CENT, and under O in OF. Additional lumps on the legend, including the right foot of R in AMERICA and right base of N in UNITED. The rim is rough over U in UNITED. This die is also heavily lapped, and the number of rust lumps suggests it also may have been stored and prepared for striking proofs after the date on the obverse. The fields are highly reflective with deep mirrors.

RARITY 5-

DIE STATES: All as above.

Note: Regardless of exactly when this variety was struck (my guess is soon after large cent production ceased in 1857), it is one of the most attractive proofs in the series. And, fortunately, it is the most common.



1856

N-6



OBVERSE: (DRN 4 5 5 7 6 7) **Upright 56. Large, dull lump off bust tip.** Early examples show a sharp horizontal line on top of the lump. This line is the peak of a stray 1, and the lump is from an attempt to "erase" evidence of the error. Crisscrossed lines in space right of Y. Fine lines down to right from inner curl. Small lump touches right pendant of T. Two lumps on cheek under eye; another large, dull one on cheek left of earlobe (another repair of some mistake). Left point of star 1 is sharply tripled, and many of the hair details are doubled as well, clearest on the point of the curl low on the neck. This is from a doubled (tripled) die, not die bounce. The lines at the inner curl fade and disappear as the fields become rough and flowlined. Latest has strong flowlines and the profile blurry, blending into the field. The date is also weak and the lump at the bust tip is blurry but still visible amid strong flowlines. The lumps on the cheek and T and the lines at TY remain clear.

REVERSE: Fine lines at various angles from dentils over S-OF-A and at second A in AMERICA. Lump on body of left side of O in ONE. The lines fade and disappear as roughness and flowlines cover the fields. Latest has NITED STAT weak.

RARITY 1 (More than fifty seen in mint state, and a large portion of these have a significant amount of mint red remaining visible. All but a couple of these are in state **a**, most likely thanks to a substantial hoard. This is the Upright 56 variety that is easiest to find in choice mint state.)

DIE STATES:

- a.** Lines from dentils at S-OF-A and stem to adjacent A.
- b.** Reverse lines gone. Lines down to right at inner curl still visible.
- c.** Lines at inner curl gone. Lump at bust tip dull and faint.



1856

N-7



OBVERSE: (DRN 4 5 3 7 2 5) **Upright 56. Hole in ear with a small round lump in the center of the hole.** (See N-12) Earliest has slightly reflective fields covered with fine, mostly vertical polishing lines, strongest at star 10, but these disappear quickly. Low spots frequently formed in the fields, and several lappings were employed to remove them. A fine crack grows from the bust tip into the field toward the top of star 1. The small lump in the ear hole weakens but remains visible. The central portion of the obverse appears to bulge outward slightly in the later states, but this condition is never severe.

REVERSE: (Same as N-8 earlier) **Crumbling connects tops of T & E in UNITED.** Earliest has at least three overlapping dull lumps (clashmarks from ear hole) over EN in CENT, and fine polishing lines down to right covering the fields. Sharp line up slightly to right of vertical from upper serif of crossbar of E in CENT. Short points up from right tops of E and T in CENT; a dull but stronger one down from left top of that N. Minor low spots and roughness form and a lapping to repair these conditions adds a fine vertical line from the dentils down to the right foot of the second T in STATES, and another fine line is sometimes visible down from the dentils over R in AMERICA (while the line at T is still visible). The lines, clashmarks, and points fade and most disappear, but the dull point down from N in CENT remains visible in latest state. The crumbling at TE in UNITED is always clear.

RARITY 2 (Two dozen seen in mint state; eight show a significant amount of mint red, seven have traces of mint red still visible. Many seen in About Uncirculated grades. Only two mint state examples seen in state a.)

DIE STATES:

- a. Without fine crack at bust tip or line at second T in STATES. (Very Scarce)
- b. Without fine crack at bust tip. Line down from dentils to second T in STATES.
- c. Fine crack from bust tip into field at left. Line at T faint or gone.



1856

N-8



OBVERSE: (DRN 4 7 4 9 8 4) (Same as N-20, earlier) **Upright 56.** A line and two strong points up to right from inner curl; smaller points up to right at same angle from lowest curl just right of inner curl. Small point down to left from neck. Earliest has fine polishing lines at various angles down to right covering the fields, strongest at 18 and bust tip. A stronger line down from dentils over star 9. Dull triangular lump on top of head below right side of star 7. Most of the lines and points fade and disappear, but the line and stronger points at the inner and lowest curls remain visible.

REVERSE: (Same as N-7, later, lapped) **Crumbling connects the tops of T & E in UNITED,** but the crumbling is not as strong as it was in the earlier marriage. Short, dull point down from left top of N in CENT. A fine crack occurs very early from the dentils over the left side of M to the right top of M through E and bases of RIC, with an extension to the top of that E. This crack never becomes strong.

RARITY 3+ (Three dozen seen in mint state; seventeen of those show a significant amount of mint red, many others have traces of mint red visible. Only one mint state example seen in state **a.** Apparently there was a modest hoard of mint state examples in state **b.**)

DIE STATES:

a. Reverse uncracked. (Rare)

b. Fine crack at MERIC.



1856

N-9



OBVERSE: (DRN 6 7+ 3 7 8 6) **Upright 56.** Fine lines down to right in space right of Y, one from the right base of Y at a slightly different angle; others down to right inside ear, from earlobe, and at throat. The die is doubled (double-hubbed), and sharp examples show extensive doubling, strongest on the eyelid, hair around and behind the ear, the curls on the neck, the curls over the date, and on the left side of star 2. The lines fade and most disappear as the fields become slightly rough, but the ones in the space right of Y remain visible. The doubling remains clear.

REVERSE: Always cracked through TA in STATES and leaf to OF-AMER. Earliest has fine polishing lines down to right covering the field at F-AMERIC, strongest from left top of F and right top of E to dentils as shown on diagram. Earliest also has a dull lump on inside left upright of N in CENT and a tiny point up from left top of U. The fields become slightly rough and flowlined as the point and lines disappear. Many additional faint cracks develop, and most of these are shown on diagram. The stronger cracks are the ones at S-O-F-A, and many of the others are faint and may not show on worn examples.

RARITY 3+ (Thirteen seen in mint state; three show a significant amount of mint red, seven have traces of mint red still visible. Another dozen seen in About Uncirculated grades.)

DIE STATES:

- a. Reverse uncracked. (Unknown)
- b. Cracked through TA and wreath to S-O-F-AMER. Polishing lines at F-AMERIC clear. (Seen with a large low spot extending over star 13, the date, stars 1-7, and the coronet tip.)
- c. Additional cracks through legend and wreath (the final one is from the stem tip to adjacent A). Lines at F-AMERIC gone.



1856

N-10



OBVERSE: (DRN 6 8 3 7 8 6) **Upright 56.** Strong line up to right from right base of Y. Other fine lines to right in space right of Y and in side ear. Many points and short lines down to right from main, inner, and lowest curls. Other points down to left from nose, lips, and throat. A few points down to right from jaw, one of them strong. Points up to left from top of head and a stronger one up from hair under right side of star 6. Strong polishing line up to left from dentils left of base of 1. The lines and points fade and most disappear as the surfaces become rough and flowlined. The date is relatively weak in the latest state and the lips are drawn into the field. The strong line from the right base of Y remains clear.

REVERSE: Point up from left base of N in ONE. Points down from inside top of C and left top of E in CENT. Point to left from left side of E in CENT. Spur down to left from left base of N in ONE. Two strong lines down from dentils over R in AMERICA. The fields become slightly rough from flowlines. A lapping smooths the roughness and removes all the lines and points except for a weaker remnant of the one up from the left foot of N in ONE. The lapping added a fine line from the dentils to the right top of the first A in AMERICA, clearest close to the dentils. Various low spots form inside the wreath and are repaired during the marriage.

RARITY 1 (Two dozen seen in mint state; seven those show a significant amount of mint red, another dozen have traces of mint red visible. Most of the mint state examples are in state **b**, none in state **c**.)

DIE STATES:

a. Line up from dentils left of 1. Lines down from dentils over R in AMERICA are strong. (Scarce)

b. Line from dentils left of 1 gone. Lines down from dentils over R dull.

c. Lines down from dentils over R gone. (Scarce)

1856



N-11



OBVERSE: (DRN 7 9 4 8 7 5) Upright 56. **Tip of bust is right of left edge of upright of 1, which is diagnostic.** Fine lines at slightly different angles down to right in space right of Y. Earliest has smooth fields with some fine, short vertical lines from the dentils at stars 2-5 and stars 11-13, strongest at stars 12-13. The short lines from the dentils disappear quickly and the fields become heavily flowlined and very rough, the roughness extending onto the neck. The lines in the space right of Y fade and are gone in latest state. This variety is usually found in the rough, late state.

REVERSE: Earliest has smooth fields with a strong spike up to left from the left top of R in AMERICA and a long spike up to left from a leaf to the base of the first T in STATES. The fields quickly become rough and flowlined and the roughness becomes severe. The spikes fade and disappear, lost in the roughness. Latest has the legend outside the wreath weakened and the field rising around UNITED STATES OF, strongest at ITED STA.

RARITY 1 (Twenty seen in mint state; nine show a significant amount of mint red, four have traces of mint red still visible. Many seen in About Uncirculated grades.)

DIE STATES:

- a. Smooth fields. Spike from left top of R in AMERICA. (Scarce)
- b. Fields rough and flowlined. Spike from left top of R gone.



1856

N-12



OBVERSE: (DRN 4 6+ 3 8 I 4) **Upright 56. Hole in ear, but its bottom is not flat. Large, dull lump on temple at hairline below B.** Earliest has fine lines down to right covering the fields, strongest from the dentils at star 4. These lines fade and disappear as the fields become slightly rough. The lump on the temple remains clear. Sharp examples sometimes show a sharp spike on the outer portion of the rim at star 8. This is a tool mark present in all die states, but it only shows when the obverse is aligned slightly off center to the lower left. Some early examples have deep low spots (from crud on the die), strongest at stars 2-6.

REVERSE: **Heavy, nearly vertical lines inside E in CENT.** Other points down from CENT and a small one up from left base of E in ONE. Lines connect bottom of C in CENT to leaf below. Sharp line down to right from dentils to left top of second T in STATES. Other fine lines at various angles from dentils over UNITED in early state, strongest lines at IT as shown. The lines at UNITED fade and disappear rather quickly; the line at the second T in STATES fades but remains faintly visible in latest state. The lines and points at CENT fade but most remain visible, especially the ones inside the E.

RARITY 1 (Twenty-two seen in mint state; eight show a significant amount of mint state, nine have traces of mint red still visible. Most of the mint state examples are in state **a**. Many seen in About Uncirculated grades.)

DIE STATES:

- a.** Lines visible at IT in UNITED.
- b.** Lines from dentils to IT are gone. (Scarce)



1856

N-13



OBVERSE: (DRN 3 9 5 8 7 6) **Italic 56. Strong, sharp point up to left from bust tip.** (This point appears to be the peak of an errant 1.) The fields are smooth early but develop some roughness, strongest around the inner curl. Later the fields are flowlined and slightly wavy. A large rim cud forms from just above star 10 down to star 11. Latest state has this cud extending up to star 9. The point from the bust tip fades slightly but remains clear. The earlier state often has significant low spots in the fields.

REVERSE: **Rough vertical lines at ONE CENT, strongest single line from right base of O down to top of E.** These lines gradually fade and become points from those letters. The strongest points remaining in the latest state are a dull remnant of the one down from the right bottom of the O in ONE and another down from the left top of N in CENT. The fields are flowlined and the legend outside the wreath is weak in this latest state.

RARITY 2 (Eighteen seen in mint state; five have a significant amount of mint red remaining visible, eight others have traces of mint red showing. Many seen in About Uncirculated grades. All the mint state examples are in states **b** and **c**.)

DIE STATES:

- a.** Continuous lines connect the N's in ONE CENT. (Very Scarce)
- b.** The lines connecting the N's have voids, eventually becoming points from those letters.
- c.** Points at ONE CENT gone except for the strong one from right base of O in ONE and left top of N in CENT.
- d.** Rim cud break from over star 10 down to star 11. (Very Rare) **PHOTO**
- e.** Rim cud break extends up to star 9. (Very Rare) **PHOTO**



1856

N-14



OBVERSE: (DRN 1 5 5 8 5 8) **Italic 56.** Three short, dull lines down to right from earlobe, the upper one reaching the hair at right. Tiny point down to right from jaw near throat. Large, shallow elongated lump on cheek. Tiny elongated lump between T & Y. Earliest has a strong wedge-shaped lump or short horizontal bar (sharper end to the right) under the right side of the 8 midway between the base of that 8 and the dentils. Earliest also has smooth fields and a lapping line up to left from the chin. The lump under the 8 and lapping line at the chin disappear quickly as the fields become rough and flowlined. The point from the jaw fades and is barely visible in the latest state. The lines from the earlobe also fade, but a dull remnant of the upper line remains visible. **Nearly all examples of this variety are weakly struck over LIB and at stars 6-8, and the fields in that area are rough from planchet flaws that didn't completely strike out.** The best strikes are from the earliest state, but they are slightly weak as well. The problem appears to be the dies were not in proper horizontal alignment.

REVERSE: Strong line up to right from top of serif of crossbar of E in CENT to top of that letter. Earliest has fine polishing lines down slightly to left of vertical in the fields, strongest inside the wreath. The polishing lines disappear quickly as the fields become rough and flowlined. Later states have a small lump in the field inside the bottom of R in AMERICA. The line inside E in CENT fades but remains visible. The lower portion of the wreath (area opposing the weakly struck portion of the obverse) is almost always softly struck, but the weakness is not as noticeable as it is on the obverse.

RARITY 1 (More than one hundred seen in mint state; at least two dozen of those show a significant amount of mint red, many others have traces of mint red remaining visible. All are in state **b** thanks to a large hoard. Clearly the easiest variety of the year to find in mint state, but finding a choice, reasonably well-struck example is a significant challenge.)

DIE STATES:

- a. Short bar under right side of 8. Line up to left from chin. (Very Rare)
- b. Bar and line gone. Nearly always weakly struck above LIB and on stars 6-8.



1856

N-16

N-15



OBVERSE: (DRN 1 6 6 8 4 5) **Italic 56.** Fine line up to right from right base of Y. Point down to right from main curl over inner curl. Points down to left from neck and throat, the lowest point strongest. Short point up to right from hair under left side of star 7. Sharp lines up to left at different angles at dentils under 18 to star 1. Earliest also shows fine repunching at right bottom of 6 on its outside edge. The repunching on the 6 disappears quickly. The lines at the dentils under 18 and star 1 fade and disappear later. The points from the neck, hair, and main curl over the inner curl also fade and most disappear as minor roughness forms (Newcomb's #15), but dull remnants of the bottom point on the neck and one from the main curl remain visible, although they appear as lumps rather than points in latest state. The line from the Y fades but remains visible. Lapping to remove roughness weakens the date digits making them a bit thinner and much weaker in the centers of the 5 & 6. Frequently seen with significant low spots.

REVERSE: Lines down to left from dentils to tops of M and R in AMERICA. Other lines in the dentils over TED, strongest between dentils over the right side of the T. Small lump on bottom edge of diagonal of N in ONE. Small spur down from space between dentils over C in AMERICA. The lines and spur fade and disappear. The lump on the N in ONE fades and disappears as the fields become flowlined and the legend blurs (Newcomb's #15). Latest state has small lumps (from die rust) around STATES (clearest at ES) and near the leaf above and to right of E in ONE.

RARITY 2+ (Sixteen seen in mint state; five show a significant amount of mint red, eight have traces of mint red remaining visible. Many seen in About Uncirculated grades. Only two of the mint state examples are in state c.)

DIE STATES:

- a. Lines at dentils under 18 and star 1. (Seen with the obverse misaligned to K-1.)
- b. Lines at dentils under 18 and star 1 gone. (Newcomb's #15)
- c. Centers of 56 weak from excessive die wear and lapping. (Newcomb's #15)



1856

N-17



OBVERSE: (DRN 2 7 5 8 8 6) **Italic 56. Point down to left from forehead just below curl. Strong doubling on stars 1, 2, and 10-13.** Small points up from top of head, strongest under star 7. Short, fine lines down to right from bottom of outer hair bun; points at same angle from main curl. The lines and most of the points fade and disappear, but a dull remnant of the point down to left from the forehead remains visible. The doubling on the stars remains clear.

REVERSE: **Lines down to left from dentils to tops of MERI, strongest at E.** Points up slightly to right of horizontal from leaf and stem below RIC. Spike down to left inside N in ONE. Earliest has fine polishing lines down to right covering the fields, but these disappear quickly. The lines and points fade and most disappear as the fields become flowlined and slightly rough, but some lines remain faintly visible from the dentils to E in AMERICA, and points from the stem under the right foot of R in AMERICA remain visible as well. Sometimes seen with strike doubling on portions of legend.

RARITY 3 (One dozen seen in mint state; four of those have a significant amount of mint red remaining, seven have traces of mint red showing. Another dozen seen in About Uncirculated grades, many in Extremely Fine grades. Most of the mint state examples are in state **a**.)

DIE STATES:

- a.** Short lines down to right from bottom of outer hair bun.
- b.** Lines from outer hair bun gone. (A few seen with the reverse rotated 30, 60, and 75 degrees clockwise.)



1856

N-18



OBVERSE: (DRN 1 5 4 7 2 8) **Italic 56.** Strong lines up to right from hair through TY. A few lighter lines down to right at bases of TY. Fine lines at various angles at inner curl. Points and line down slightly to right from jaw at throat, the line strongest and nearly parallel to the front edge of the neck. Earliest shows small points down to left from neck. The fields are smooth early but they quickly become rough, and the roughness becomes severe, strongest around the date and lower stars. The points and line at the neck and throat fade and disappear, the line at the throat the last to go. The strong lines at TY remain clear.

REVERSE: Earliest has a fine line up through R in AMERICA to dentils, but this quickly fades and disappears. The fields become rough and flowlined, but not quite as rough as the obverse. Latest has a rim cud break at TE in STATES.

RARITY 1+ (Two dozen seen in mint state; six show a significant amount of mint red, eight have traces of mint red still visible. Most are in states **b** and **c**. Two of the mint state examples are in state **a**, one in state **d**.)

DIE STATES:

- a.** Line through R in AMERICA to dentils. Fields smooth. (Rare)
- b.** Line at R gone. Fields rough. Lines at throat and inner curl dull but visible.
- c.** Obverse fields very rough. Lines at throat and inner curl lost in roughness.
- d.** Rim cud break at TE in STATES. (Extremely Rare) **PHOTO**



1856

N-19



OBVERSE: (DRN 1 5 6 8 2 6) **Italic 56.** Strong points down to right from main curl. Lines at various angles in space right of Y, the strongest of these up slightly to right of horizontal. Spur down to left from left side of Y. Short points up to left from nose at eye. A couple short, light lines up to right from inner curl. Tiny lump on forehead over eyebrow. The 856 are repunched with fine outlines slightly above and to the right of those numerals. Earliest has polishing lines down to right in the fields, strongest from the right top of star 9 and from the main curl to star 12, but these lines disappear rather quickly. The remaining lines, points, and repunching all fade and some of them disappear, but traces are usually visible and the strong points from the main curl are always clear.

REVERSE: Sharp line down to right through berry under T in UNITED. The fields are covered with lines down to right at this same angle in the earliest state, plus a few others at a slightly different angle at NIT. These lines fade and disappear as the die wears and becomes slightly rough, but the one through the berry under T in UNITED remains visible.

RARITY 2+ (Sixteen seen in mint state; two of those show a significant amount of mint red, eleven others have traces of mint red still visible. Many seen in About Uncirculated grades.)

DIE STATES:

- a. Repunching on 856 is sharp. Fields smooth. Polishing lines down to right in fields at stars 9 & 12.
- b. Repunching at 856 faint. Fields slightly rough. Polishing lines at stars 9 & 12 gone. (These dies wear very little during the marriage and the strikes are usually bold.)



1856

N-20



OBVERSE: (DRN 4 7 4 9 8 4) (Same as N-8, later) **Upright 56. Points and line up to right from inner curl.** Tiny points up to right from lowest curl just right of inner curl. The points from the lowest curl fade and disappear but the line and points from the inner curl remain visible, although weaker in latest state. The fields become flowlined and slightly rough, especially around the date and lower stars. A crack occurs on the rim under star 12 arcing to the base of the dentils at star 13. Latest has a small triangular cud break at the right end of this crack under star 12. (Newcomb mistakenly listed this tiny cud as occurring in the earlier N-8 marriage.) Often seen with significant low spots in the fields. Lapping fairly early in the marriage leaves fine vertical polishing lines in the field behind the head, but these disappear quickly. The die is often slightly misaligned to the upper left in the later die states leaving a larger rim on the lower right.

REVERSE: Without crumbling joining tops of T & E in UNITED (see N-8). Lump on right side of M in AMERICA. Shallow lump on rim over left side of O in OF. Earliest has a line down to right from leaf to right top of E in ONE. The line to E fades and disappears as roughness forms over the fields, strongest at ITED STATES, and the field rises around ED STA. Lump on M always visible. Sometimes seen with deep low spots inside wreath.

RARITY 3+ (Ten seen in mint state; one of those shows a significant amount of mint red, five have traces of mint red remaining visible. More than a dozen seen in About Uncirculated grades. Most of the mint state examples seen are in state **d**, only one in state **a**.)

DIE STATES:

- a.** Line down from leaf to right top of E in ONE. (Very Scarce)
- b.** Line from leaf to E gone.
- c.** Crack on rim under star 12 to star 13.
- d.** Small cud on right end of crack on rim under star 12. **PHOTO**



1856

(N-21)



OBVERSE: (DRN 1 5 5 8 3 8) **Italic 56.** Curved line down to right under front edge of eye. Two lumps on jawline left of earlobe, the left lump strongest. Earliest has smooth fields, but these quickly develop flowlines and become moderately rough. The roughness is strong late and eventually it obscures the line and lumps. The field is rising around the date in the latest state.

REVERSE: **Spur down to left from right end of base of T in CENT. Points down from left and right tops of N in CENT.** Other points down from right base of N in ONE and left base of N in CENT. Small lump on left top of O in ONE. Sharp line down to right from dentils to top of second S in STATES. The line to the S fades and disappears as flowlines and roughness grow over the die. The points from the N's fade but remnants remain barely visible down from the top of N in CENT in latest state. The roughness and flowlines become stronger and the legend weakens, especially outside the wreath. The spur from the base of T in CENT becomes very dull but remains visible (when not blunted by a low spot), and **this spur is the best attribution point available in the latest state.** Latest also has UNITED STA weak and the field rising slightly around those letters. The lump on left top of O in ONE remains visible.

RARITY 1+ (Two dozen seen in mint state; five show a significant amount of mint red, eight have traces of mint red still visible. Many seen in About Uncirculated grades.)

DIE STATES:

- a. Line from dentils to top of second S in STATES.
- b. Line from dentils to S gone. Fields rough and flowlined.



1856

(N-22)



OBVERSE: (DRN 1 7 5 8 1 6) **Italic 56. Point up to left from nose just above tip of eyelash.** (The similar point on N-4 is slightly lower on the nose.) Lines down to right cover the fields, and many emerge as small points from the face, coronet, and curls (the point from the nose is the base of one of these lines). Short line up to left from right fork of Y. A strong line curves up slightly to the left from the top of the ear into the hair above. The polishing lines fade and most disappear, but some remnants are always visible around the date. The point from the nose is weak but visible in latest state.

REVERSE: Line down to left from dentils over left side of E in UNITED through T to bases of IN, **strongest under the left top of the T.** Other weaker lines at different angles down to left from dentils to top of that N. Line down to right from dentils through E in STATES to leaf below; another down to left from dentils over R to right side of adjacent E in AMERICA. The lines fade and most disappear, but remnants of the line at NIT remain visible, clearest under the left top of the T. Often seen with shallow low spots inside the wreath.

RARITY 5+ (One seen in mint state, and it has traces of mint red remaining visible. Three seen in About Uncirculated grades, four in Extremely Fine grades, and fifteen in Very Fine grades.)

DIE STATES:

- a. Lapping lines down to right in obverse fields.
- b. Obverse lapping lines gone except for remnants in protected areas around the date. Most of the lines on the reverse are gone, but the diagonal line through NIT remains visible. Point from nose always visible.

1857

Newcomb No.	Date Reference No.	
1	1 2 5 2 3 5	Large Date
3	1 4 8 9 2 8	Proof Only
2	1 5 8 8 1 7	Small Date
4	1 5 8 8 7 9	Small Date
5	1 5 8 9 7 9	Proof Only



1857

N-1



OBVERSE: (DRN 1 2 5 2 3 5) **Large date, which is diagnostic.** The top of a stray 18 is strongly punched into the dentils under the 8 (1 under left side, 8 under right side), the top of the 1 extending slightly into the field. Small lumps on neck under earlobe and high on cheekbone. Earliest has smooth fields covered with fine polishing lines down to right. There is fine crumbling along the edge of the profile (on the beveled raised portion, not the field), and this is sometimes mistaken for strike doubling. It was not a result of die bounce or a doubled die, and Newcomb's listing of a doubled profile version is in error (he saw a damaged coin). Flowlines and roughness begin to cover the surfaces and the roughness becomes rather strong near the dentils and stars, especially stars 2-4. The roughness creates a dull outline around the 185 and much of the profile. In this latest flowlined state the repunching in the dentils under the 8 is gone.

REVERSE: **Two strong points down to right from left top and upright of T in CENT.** Weaker points at same angle from NE in ONE and N in CENT. Lines down to right at slightly different angles from dentils to tops of NI in UNITED. Lump on body of left side of C in AMERICA. Earliest has the fields covered with fine polishing lines down to right, strongest touching the left bottom of C in CENT and another through the M in AMERICA. These polishing lines disappear quickly. The lines from the dentils to NI and most of the points fade and disappear later, but remnants of the two strong points from T in CENT remain visible in latest state. Latest has roughness and flowlines through a weakened legend and the field rising around ITED STA.

RARITY 1 (More than fifty seen in mint state; many of those have a significant amount of mint red remaining and many others have traces of mint red still visible. Obviously these were saved in significant quantities because they represented the final year of large cent production.)

DIE STATES:

- a. Lines from dentils to tops of NI in UNITED. Punches in dentils under 8 visible.
- b. Lines from dentils to NI gone. Repunching in dentils below 8 lost in flowlines and roughness.



1857

N-2



OBVERSE: (DRN 1 5 8 8 1 7) **Small date. Short line curves up from right top of T to close over left top of Y.** Fine line up to right from hair to bottom of B. Tiny crisscrossed lines close at junction of bust and neck. Points down to right from jaw. Points up to right from top of head, strongest under star 7. Fine, short line down to right under right side of eye. Small lump under earlobe. Earliest has fine polishing lines down to left in the fields, strongest at stars 10-13. The points from the chin fade but the other lines and points remain visible.

REVERSE: **Lines at various angles from dentils to tops of UNIT.** Small lump on top of right foot of T in CENT. Earliest has fine polishing lines down to right covering the fields, but these fade quickly. The lines over UNIT fade and eventually disappear as the fields become lightly flowlined.

RARITY 1+ (More than three dozen seen in mint state; fifteen have a significant amount of mint red visible, many others have traces of mint red remaining. The vast majority of the mint state examples are in state a.)

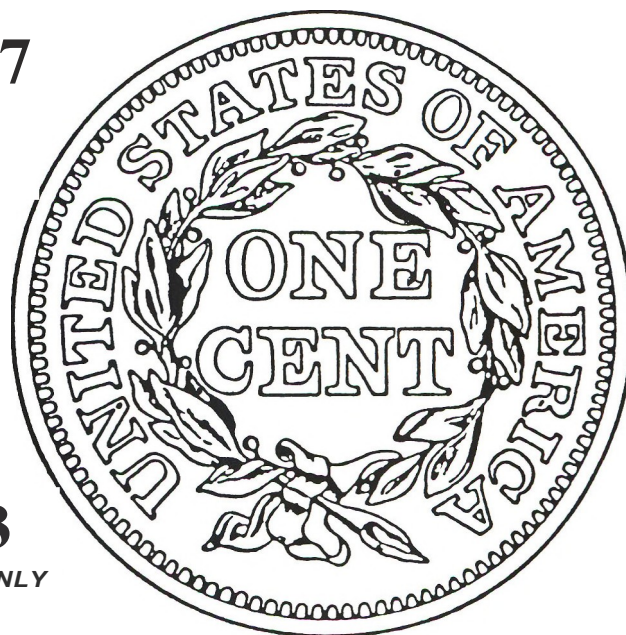
DIE STATES:

- a.** Lines from dentils to tops of UNIT.
- b.** Lines from dentils to UNIT gone. (Very Scarce) (Both dies remain sharp, unlike N-1 & N-4.)



1857

N-3
PROOF ONLY



OBVERSE: (DRN 1 4 8 9 2 8) **Small date. Proof only. Strong, slightly curved line up to right on bust with a weaker vertical line down from its right end.** Lines at various angles at RTY. Some have the obverse slightly misaligned to K-10 with a knife edge (thin, raised lip on outer edge of rim) at K-5.

REVERSE: (Same as N-5 of 1856) **E in ONE has defects at its right top and under the serif of the crossbar, possibly remnants of another letter.** Many lumps scattered about the wreath, strongest left of O in ONE, left of C in CENT, and under O in OF. Additional lumps on the legend, including one on the right foot of the R in AMERICA and another on the right bottom of N in UNITED. The rim is rough over the U in UNITED. The die is also heavily lapped, and the rust lumps suggest it may have been stored for some time and later prepared to strike proofs, possibly in a year later than 1857. The fields are highly reflective and the mirrors are usually deep. Some have the die misaligned slightly to K-1 with a knife edge at K-7.

RARITY 5- (One of the more common Proof-Only varieties of large cent. Two seen in circulated grades.)

DIE STATES: All as above.



1857



N-4

OBVERSE: (DRN 1 5 8 8 7 9) **Small date. Three sharp, short lines down slightly to left of vertical from earlobe.** Sharp line up to left from tip of inner curl; another at slightly different angle from lowest curl on neck. Dull point down from bottom of inner hair bun. Point up from nose even with eye. Short points at different angles from top of head, strongest under left side of star 7. Elongated lump on cheek right of nostril. Earliest has fine polishing lines down to right in the fields, including a sharp line from the dentils to the left side of star 1. The polishing lines disappear quickly, the one at star 1 the last to go. The other lines and points gradually fade and disappear as the fields become flowlined and the details grow mushy, but the lines down from the earlobe remain visible. Latest state has strong roughness at the dentil tips, strongest at stars 5-11.

REVERSE: Line down to right connects two leaves under right foot of second A in AMERICA. Lumps on right inside edge of O in ONE and left side of the adjacent N. Earliest has fine lines at different angles at S-O and fine polishing lines down to right covering the fields. These fine lines disappear quickly as the fields become rough and flowlined. The dies clash rather early leaving a dull clashmark at the berry and leaf right of E in ONE. The line joining the leaves under the second A in AMERICA fades and disappears, and the lumps at ON fade as the legend grows mushy and flowlined, especially outside the wreath. The clashmarks are very faint in latest state and are often obscured by low spots.

RARITY 1 (More than fifty seen in mint state; fifteen of those show a significant amount of mint red, many others have generous traces of mint red still visible. Only four mint state examples seen in state **a**. This Small Date variety is the easier one to find in mint state.)

DIE STATES:

- a.** Line from dentils to star 1. Dies unclashed. (Very Scarce)
- b.** Line at star 1 gone. Clashmarks right of E in ONE. Point down from inner hair bun.
- c.** Clashmarks faint or gone. Point down from bottom of inner hair bun gone.



1857

N-5
PROOF ONLY



OBVERSE: (DRN 1 5 8 9 7 9) **Small date. Proof only. Two small points down to right from main curl over tip of inner curl.** Another point down to right from junction of main curl and inner hair bun. Short line down to right on cheek right of nostril. The fields are covered with fine polishing lines down to left of vertical, and the fields are not as reflective on this proof-only variety as they are on most other proofs of these later years.

REVERSE: **Strong lump on right bottom of T in CENT.** Short, dull spike down to left from dentils over TE in UNITED. The fields are covered with fine polishing lines down to right, and those fields are not as reflective as normal for proof-only strikes.

RARITY 5+

DIE STATES: All as above.

